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SUMMARY TECHNICAL REPORT
OF THE
NATIONAL DEFENSE RESEARCH COMMITTEE

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under pg. 6

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(SUMMARY TECHNICAL REPORT OF NDRC)

MASTER SUBJECT INDEX

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NATIONAL DEFENSE RESEARCH COMMITTEE
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NOTES ON THE ORGANIZATION OF NDRC

The duties of the National Defense Research Committee were (1) to recommend to the Director of OSRD suitable projects and research programs on the instrumentalities of warfare, together with contract facilities for carrying out these projects and programs, and (2) to administer the technical and scientific work of the contracts. More specifically, NDRC functioned by initiating research projects on request from the Army or the Navy, or on requests from an allied government transmitted through the Liaison Office of OSRD, or on its own considered initiative as a result of the experience of its members. Proposals prepared by the Division, Panel, or Committee for research contracts for performance of the work involved in such projects were first reviewed by NDRC, and if approved, recommended to the Director of OSRD. Upon approval of a proposal by the Director, a contract permitting maximum flexibility of scientific effort was arranged. The business aspects of the contract, including such matter as materials, clearances, vouchers, patents, priorities, legal matters, and administration of patent matters were handled by the Executive Secretary of OSRD.

Originally NDRC administered its work through five divisions, each headed by one of the NDRC members. These were:

- Division A — Armor and Ordnance
- Division B — Bombs, Fuels, Gases, & Chemical Problems
- Division C — Communication and Transportation
- Division D — Detection, Controls, and Instruments
- Division E — Patents and Inventions

In a reorganization in the fall of 1942, twenty-three administrative divisions, panels, or committees were created, each with a chief selected on the basis of his outstanding work in the particular field. The NDRC members then became a reviewing and advisory group to the Director of OSRD. The final organization was as follows:

- Division 1 — Ballistic Research
- Division 2 — Effects of Impact and Explosion
- Division 3 — Rocket Ordnance
- Division 4 — Ordnance Accessories
- Division 5 — New Missiles
- Division 6 — Sub-Surface Warfare
- Division 7 — Fire Control
- Division 8 — Explosives
- Division 9 — Chemistry
- Division 10 — Absorbents and Aerosols
- Division 11 — Chemical Engineering
- Division 12 — Transportation
- Division 13 — Electrical Communication
- Division 14 — Radar
- Division 15 — Radio Coordination
- Division 16 — Optics and Camouflage
- Division 17 — Physics
- Division 18 — War Metallurgy
- Division 19 — Miscellaneous
- Applied Mathematics Panel
- Applied Psychology Panel
- Committee on Propagation
- Improvement Administrative Committee

NDRC FOREWORD

AS EVENTS of the years preceding 1940 revealed more and more clearly the seriousness of the world situation, many scientists in this country came to realize the need of organizing scientific research for service in a national emergency. Recommendations which they made to the White House were given careful and sympathetic attention, and as a result the National Defense Research Committee (NDRC) was formed by Executive Order of the President in the summer of 1940. The members of NDRC, appointed by the President, were instructed to supplement the work of the Army and the Navy in the development of the instrumentalities of war. A year later, upon the establishment of the Office of Scientific Research and Development (OSRD), NDRC became one of its units.

The Summary Technical Report of NDRC is a conscientious effort on the part of NDRC to summarize and evaluate its work and to present it in a useful and permanent form. It comprises sixty-eight volumes broken into groups corresponding to the NDRC Divisions, Panels, and Committees.

The Summary Technical Report of each Division, Panel, or Committee is an integral survey of the work of that group. The first volume of each group's report contains a summary of the report, stating the problems presented and the philosophy of attacking them, and summarizing the results of the research, development, and training activities undertaken. Some volumes may be "state of the art" treatises covering subjects to which various research groups have contributed information. Others may contain descriptions of devices developed in the laboratories.

Some of the NDRC-sponsored researches which had been declassified by the end of 1945 were of sufficient popular interest that it was found desirable to report them in the form of monographs, such as the series on radar by Division 14 and the monograph on sampling inspection by the Applied Mathematics Panel. Since the material treated in them is not duplicated in the Summary Technical Report of NDRC, the monographs are an important part of the story of these aspects of NDRC research.

In contrast to the information on radar, which is of widespread interest and much of which is released to the public, the research on subsurface warfare is largely classified and is of general interest to

a more restricted group. As a consequence, the report of Division 6 is found almost entirely in its Summary Technical Report, which runs to 24 volumes. The extent of the work of a division cannot therefore be judged solely by the number of volumes devoted to it in the Summary Technical Report of NDRC: account must be taken of the monographs and available reports published elsewhere.

This master subject index volume is a consolidation of all the subject matter included in the individual indexes of all these divisional, panel, and committee reports, which together constitute the Summary Technical Report of NDRC.

It is therefore fitting that a roll of OSRD appointees should also appear in this volume. Here are listed the names of those who cooperated with such loyalty and brilliance in the defense of their country. Their contributions to victory, while serving in their various appointments under OSRD, are summarized in the Summary Technical Report volumes. While it is impossible to pay tribute individually to each of their many achievements, it is desired to express here to all of them, on behalf of the Nation, our warmest gratitude and appreciation.

In addition, it is appropriate to acknowledge here the work of the Summary Reports Group (SRG), in which responsibility for the production of the entire Summary Technical Report was vested. In another place in this volume, the operation of the group is reviewed, so that something of the magnitude of its task and the multiplicity of its problems can be appreciated.

In just over three years SRG completed its assignment in producing the sixty-eight STR volumes and two index volumes. That this time compares favorably with the work of long-established publishing houses, should reflect to the credit of SRG's staff. The carefully prepared and edited information in these volumes is of vital importance, and it is only fitting that our thanks should be expressed to SRG for its work in making this information available in a permanent and presentable form.

VANNEVAR BUSH, *Director*
Office of Scientific Research and Development

J. B. CONANT, *Chairman*
National Defense Research Committee

SUMMARY REPORTS GROUP FOREWORD

At some future time, another organization may be confronted with an assignment similar to that of the Summary Reports Group. It has therefore been suggested that at some place in these volumes a brief outline of the operational procedures of the group be given, in the hope that useful information will be afforded to interested parties. This volume, since it is to serve as the index for all the STR volumes, would appear to be the most logical place for such an outline, and therefore, this Foreword is largely a short but objective history of SRG.

The preparation and publication of the Summary Technical Report of NDRC has been the main responsibility of the Summary Reports Group. During the early phases of this work, OSRD defined the Summary Technical Report as a series of uniform volumes summarizing, for a technically trained group of readers, the scientific program of NDRC. It was to be a classified report to the Army and Navy in fulfillment of the final obligations of NDRC. In addition to the Services, the furnishing of copies of the STR was also authorized to the British Commonwealth Scientific Office and to the Library of Congress.

Even while the utmost energies of OSRD were still committed to the prosecution of wartime research, the necessity for the eventual publication of an STR was apparent to Dr. Vannevar Bush and his colleagues. Accordingly, on August 9, 1944, he officially authorized the project and on August 17 the Executive Secretary, Dr. Irvin Stewart, sent out a memorandum to all Division and Panel Chiefs and Committee Chairmen, requesting that they start making plans for the preparation of manuscript. Dr. K. H. Condit of NDRC was appointed Special Consultant, and further memoranda were issued by him, giving more explicit instructions on the scope, contents and mechanics of preparation for the volumes.

The first unit to commence work on its portion of the STR was Division 6, and to handle this project the Summary Reports Group (Contract OEMSr-1131) was formed, under the Columbia University Division of War Research, on March 1, 1945. Dean George B. Pegram, Chairman of CUDWR, gave his wholehearted interest and support to the work, which was at first directed by Dr. Edwin H. Colpitts, Chief of Section 6.1 of Division 6. After discussions on style and format had been settled, a style guide was pre-

pared; this was later distributed to printers and division editors as a guide for all the STR volumes.

Upon the ending of hostilities in August 1945, and the consequent rapid transition of the majority of NDRC personnel to peacetime pursuits, it became apparent that unless SRG were charged with the task of producing all the STRs, many of them would go by default. Accordingly, on August 30, 1945, a conference was held in Washington, under the chairmanship of Dr. H. M. Chadwell, to plan the future of the project. Representatives of SRG and of most of the Divisions, Committees and Panels of NDRC were present. During the meeting, editors were nominated for those volumes not yet started, and matters of editorial style and policy were discussed. A flow sheet for the handling of manuscript and proofs, and a system for the preparation of art were established.

After the conference, the Group had a clearer conception of the magnitude of its assignment and the various procedures involved, from the drafting of the rough manuscript to the delivery of the bound volumes to the Services. Accordingly, the staff was enlarged to meet the requirements of its tasks, and several new departments with specific functions were formed. At its maximum, the office staff numbered 86 persons. The first major problem confronting the group was the enlistment of printing facilities for the seventy volumes. This was originally intended to be the responsibility of the Government Printing Office, but since this office was already committed to other high priority work, a separate printing contract with the Treasury Department (Tps-74199), was awarded to Columbia University Press, who planned to have all the STRs printed by one New York firm. A further modification in the printing arrangements was necessary when it became apparent that no one firm would be able to complete the assignment within a reasonable space of time. Accordingly, with CU Press approval and cooperation, SRG sought for and finally contacted additional printers in New York, Boston, Chicago, Philadelphia and even California, who were willing and able to print the balance of the volumes. Since most printing houses were at that time inundated with orders, this was by no means a simple problem; it was further complicated by the fact that only firms cleared for the handling of classified material could be given the work. Even after the services

of printers had been procured, much additional responsibility for SRG, unanticipated at the start, was entailed in maintaining the utmost pressure on them and in following up printing and make-up instructions.

In its three years of existence, the Group has been faced with many other difficulties: the paper shortage, the security question, the lack of trained personnel, the poor condition of hastily prepared manuscripts, the highly technical nature of the material itself—these are only some of the problems. That the job could be performed more expeditiously and efficiently were it to be undertaken again goes without saying; it must be remembered that the Group was unique in the character and magnitude of its assignment, and that consequently a certain number of mistakes were inevitable. That the work was completed successfully is largely due to the integrity of the majority of the staff, and the enthusiasm with which they tackled their many problems. In order that SRG's approach to these problems may be better appreciated, a description of the various departments follows.

As already mentioned, the original assignment of SRG was the preparation of the Division 6 STR. When, after the August 1945 meeting, SRG's responsibilities were extended to all the STRs, a separate Division 6 Department was formed to continue the editing and writing of that unit's twenty-four volumes. This work was headed by John S. Coleman, one of the Assistant Directors of SRG.

A Liaison Department was created to maintain contact with the Division authors and editors in an effort to expedite the completion of manuscript, and the return of galley proofs and cut dummies sent out for a technical reading. In addition, this department, established by Milton Silverman and later under Kathryn Setze, was responsible for the writing of the entire Division 12 STR, and the compilation of the three Committee on Propagation STR volumes from previous report and conference material. In the later phases of the project, the liaison work for the Division 6 volumes, mainly consisting of the handling of galley and page proof for these books, became another of the responsibilities of Liaison Department.

For the formidable tasks of editing the manuscript, checking it for style and marking it for the printer, a Copy Editing Department, first under B. F. Boardman and later under Ruth Christman, was formed.

Personnel with previous editorial experience was recruited whenever possible, but such individuals were not readily available, and many in the department were without training in their new field. That they were able to surmount their numerous editorial problems so successfully is largely due to the excellent leadership and vast experience of Miss Christman in the fields of editing, printing and typography of technical books. In addition to its work on manuscript, the department was engaged in the reading of all galley proofs, the transmittal to the printers of authors' corrections, and the reading and checking of page proofs. The total of 21,000 pages for the 70 volumes will afford some idea of the magnitude of the editorial task.

In the meantime, the Art Department, under Carl B. Holmes, was operating in high gear on the more than 30,000 figures selected by volume editors as illustrations for the text of the STRs. It was found that 80 per cent of this art work was not in suitable condition for reproduction as submitted; some were redrawn entirely, others relettered or otherwise touched up. Backgrounds and other irrelevant details in photographs were blocked out, and emphasis given to the important features of the device or equipment to be portrayed. At its peak, the Art Department numbered fifteen persons; by the end of 1946 its work was substantially completed and it was disbanded. The original pieces of art were eventually shipped to the Historical Records Section of the Adjutant General's Office in Washington, except in cases where they were on loan and had to be returned to the lending agency.

It was evident that in order to furnish easier access to the enormous amount of technical information in the STR, good subject indexes were essential. The Indexing Department undertook this assignment, and, in addition, consolidated all the individual volume index material, comprising over 60,000 entries, into the Master Subject Index Volume. SRG was fortunate in having the services of C. B. Ellis, and later of Beatrice Lawrence to head the department in this work, which entailed so much careful and detailed organization.

In addition to the production of the STRs, SRG was charged with the responsibility of making a permanent and accessible record of the more than 15,000 NDRC reports and other reference material which is listed in the STR bibliographies. Accordingly, a Microfilm Department under the able direction of

J. P. Sondheimer was organized to index and record this material on 35 mm microfilm, of which negative copies have been made available to the Army, the Navy, and the Library of Congress. The Microfilm Index appears in a separate volume in the STR series.

The Production Department, with W. A. Bayless, Jr. as Production Manager, was charged with the responsibility of routing and checking all the STR as it proceeded through the various phases of the flow chart from manuscript to galley and from page proof to bound volume. Even with the delivery of a completed book to the Services, SRG's obligations were not ended, for each piece of manuscript, galley, and page proof, each original figure and engraver's cut must be accounted for and disposed of in accordance with previous arrangements with OSRD and the Services, and with the existing security regulations. In addition to these routine functions, this department found itself charged with the task of conducting many transactions with the printers, engravers and binders. In fact, in order to expedite to the utmost publication of the STR volumes, the SRG Production Manager was obliged to devote a great deal of time to follow-up work, making constant trips to the various establishments involved. It is to his great credit that he was able to maintain constant watch over these outside problems while still attending to the efficient operation of his department.

In concluding this outline of the functions of the various departments of SRG, mention must be made of the Administrative Department, headed by Betty Hofstadter, Administrative Assistant. This unit's difficulties were enhanced by the unusually rapid turnover in SRG personnel resulting from the temporary nature of the work. However, it succeeded admirably in handling all personnel problems, in addition to those of payroll, property, records, files, and a number of other important details essential to a smooth-running organization. Some credit for this must be given to the Business Office of the Government Contract Division of Columbia University, whose cooperation throughout the project was invaluable.

While it is not the purpose of this foreword merely to present a series of excuses for the time delays incurred in the production of the seventy STR volumes, it is believed that an objective analysis might prove useful. As already mentioned, SRG made mistakes, and lessons have been learned. Then surely no one is in a better position than SRG itself to offer construc-

tive answers to the question: Why has it required more than three years to complete a project originally estimated to require fifteen months?

Obviously, many miscalculations were responsible for this first optimistic estimate. Some of the delays in schedule resulted indirectly from the ending of the war, and in surveying the work of SRG, it might be well to deal with these delays first. The return to peacetime jobs of almost all of the NDRC research workers who were required to contribute to the STR can be blamed for serious time lags in the preparation of the manuscript. No man involved with the personnel problems of transferring to a post-war industrial or academic career, in many cases necessitating a change in domicile also, can be expected to devote many hours a day to the writing of technical reports. It was possible for SRG to compensate most of these authors for their work by putting them on the payroll, after they had severed their connections with OSRD, but nevertheless, the average time lag in the delivery of completed manuscript was four months after the promised delivery dates; in two cases, it was ten months late.

Not only was manuscript delayed, but its quality was impaired by the confusion of the post-war transition. For the preparation of material as technical and as full of mathematics and chemical formulae as the STR, time, office facilities and skilled assistance are needed, or the manuscript cannot be considered in fit condition for transmittal to the printers. This unfortunately, was the case with much of the STR text, and thus time and expenses were required later to rectify errors that had crept into galley and even page proof.

It is to be regretted that those responsible for the STR manuscript could not have begun sooner on this work, and that they could not have been retained in a full-time capacity on the OSRD payroll until their responsibilities in this connection had been fulfilled. In this way, they would have had access to adequate clerical assistance under a centralized control, and they would not have been exposed to so many diversions from outside sources.

For the technical reading of galleys, however, it would not be necessary to retain personnel in OSRD. It was the experience of SRG that this can be considered a spare time assignment and can be done concurrently with other work; it was only necessary to put such readers, in most cases the authors themselves, on the SRG payroll and reimburse them on an

hourly basis. With some exceptions, division readers were very prompt in returning to SRG the proofs sent them. They were usually given two weeks in which to read galleys and check cut dummies; stamped and addressed envelopes were enclosed to facilitate return, and a set of proof-readers' conventions also included. In the cases where material was not returned promptly, it was generally found that the readers had not been asked by the volume editor to do this work in the first place. SRG has learned that it is advisable to obtain a written commitment from a reader, at the time he is nominated, that he will be willing to read proof promptly when it is sent to him.

Undoubtedly the most serious single delay factor in the project was the condition of the printing industry during the post-war period. Inundated with work which had been shelved during the war years, short of skilled operators, equipment and materials, the printing houses of the nation were hard-pressed to satisfy the demands of their regular customers, and were not eager to undertake outside work of a temporary nature. Owing to their lack of experience and equipment for setting copy of a technical character, some of the printers working for SRG had difficulties with the many highly complex equations and formulae in the STR. This led to production delays; in some cases it was necessary for SRG to return page proof three or four times before it was in correct form.

Obviously, if a similar project is to be undertaken in the future, the most desirable arrangements would be to deal with one printing establishment only, and that one to be experienced in working with scientific material. Perhaps the most satisfactory solution of the production problem would lie in the adoption of a photo-offset printing method, by which manuscript is prepared on special typewriters and is reproduced in that exact form by photo-offset. Some clarity and detail would probably thus be lost in the halftone figures, but an immeasurable saving would be effected in time and expense by eliminating the necessity for proof reading and checking procedures once the final manuscript had received approval. Needless to state, this method was given serious consideration during the early stages of SRG. However, due to the shortage of both equipment and experienced operators, it was found impractical at that time.

Difficulties caused by classification were encountered throughout the project. During the early phases, it had been hoped and expected by OSRD that approximately one-third of the volumes would be de-

classified in their entirety before going to press, and consequently could be made available to the public. But during 1946 and 1947 the policy of the Services became increasingly conservative; in the case of some volumes, they actually raised the classification from a lower one. Eventually, only eight volumes were given clearance by the Joint Review Board and could be printed as open literature.

A final problem for SRG was found in the selection of its own staff. Persons with a variety of backgrounds were sought: scientific, editorial, artistic, typographic, librarian, printing—to name only some, but at a time when everyone was seeking a permanent position, SRG did not have very much to offer but a temporary though interesting and important assignment. It should reflect to the great credit of those who elected to remain with the project for as long as they were needed, and worked so conscientiously to ensure that the STR appear in as satisfactory a condition as possible.

Credit is also due to those ex-members of the divisions, committees and panels of NDRC who gave freely of their time in serving as technical editors. In some cases, they showed an interest in their volumes up to the very last, in spite of their preoccupations with other affairs, and were always ready to render advice and assistance when requested by SRG. Unquestionably, in the instances where such cooperation was given, it can clearly be seen in the quality of the completed volumes.

During the final period, the Director was able to spend less and less time on the project and Dennis Puleston, Assistant Director, took on more and more responsibility for the management of SRG. Great credit is due him for the able and patient way in which he steered the group through the many terminal difficulties.

At Columbia University Press, Mr. Melvin Loos should be mentioned for the special help he gave to SRG. A lifetime's experience in the publication of technical works enabled him to afford valuable advice on questions of style and format, and he worked ably as a contact between SRG and the printing houses with which the STR work was allocated.

Acknowledgements must also be made to H. M. Chadwell, L. H. Farinholt, E. W. Scott, Cleveland Norcross and R. C. Bowker for the very valuable assistance they gave to the project while acting as OSRD Scientific Officers and Contracting Officers. It would have been impossible to operate effectively

without having SRG interests represented by them in Washington. On problems concerning the contract and its amendments, the classification of STR material, and the distribution procedures for the volumes, the support of these men was particularly notable.

In conclusion, appreciation must be expressed to Dr. Bush for the vital interest he has taken in the project. By fostering the idea from its conception and

in following it through to its conclusion, he should be accorded the ultimate credit for all the seventy Summary Technical Report volumes, with their wealth of technical information so essential, in the Nation's interests, to future scientific research.

WALLACE WATERFALL
Director SRG

INTRODUCTION

THIS volume provides an alphabetical index to the information contained in all of the 68 Summary Technical Reports of NDRC. This index is followed by a listing of the chapter headings for each Report, and the roll of all personnel who served with OSRD from its inception in 1940 to its close in 1947.

The Microfilm Index volume, being self-contained, is the only Summary Technical Report not included in this index.

The arrangement of this index is conventional, requiring no highly technical background on the part of the user. The following abbreviations are employed to refer to the Panels and Committees of NDRC:

<i>Panel or Committee</i>	<i>Abbreviation</i>
Applied Mathematics Panel	AMP
Applied Psychology Panel	APP
Committee on Propagation	CP
Tropical Deterioration Committee	TD

These abbreviations are used as illustrated: A scope, radar, Vol. APP-2: 235-246; Vol. 14-2: 31 where Vol. APP-2: 235-246 refers to pages 235-246 of Volume 2 of the Applied Psychology Panel. The Divisions of NDRC are designated numerically. Thus in the above example, Vol. 14-2: 31 refers to page 31 of Volume 2 of Division 14. For a complete listing of the Divisions and of the Panels and Committees of NDRC, see page iv.

The direct compilation of this volume was the responsibility of the Indexing Department of the Summary Reports Group. But as the key to the entire Summary Technical Reports series, this volume is essentially the co-ordinated enterprise of all of the various Divisions, Panels, and Committees of NDRC.

BEATRICE M. LAWRENCE
Editor

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^a For facility of handling, this Summary Technical Report of Division 9, Volume 1, has been bound and published in two sections. The first section contains Part I and Part II of Volume 9-1. Parts III—VI are found in the second section, together with the Glossary, Bibliography, OSRD Appointees, Contract Numbers, Project Numbers, and Index, all of which are applicable to both sections of Volume 9-1.

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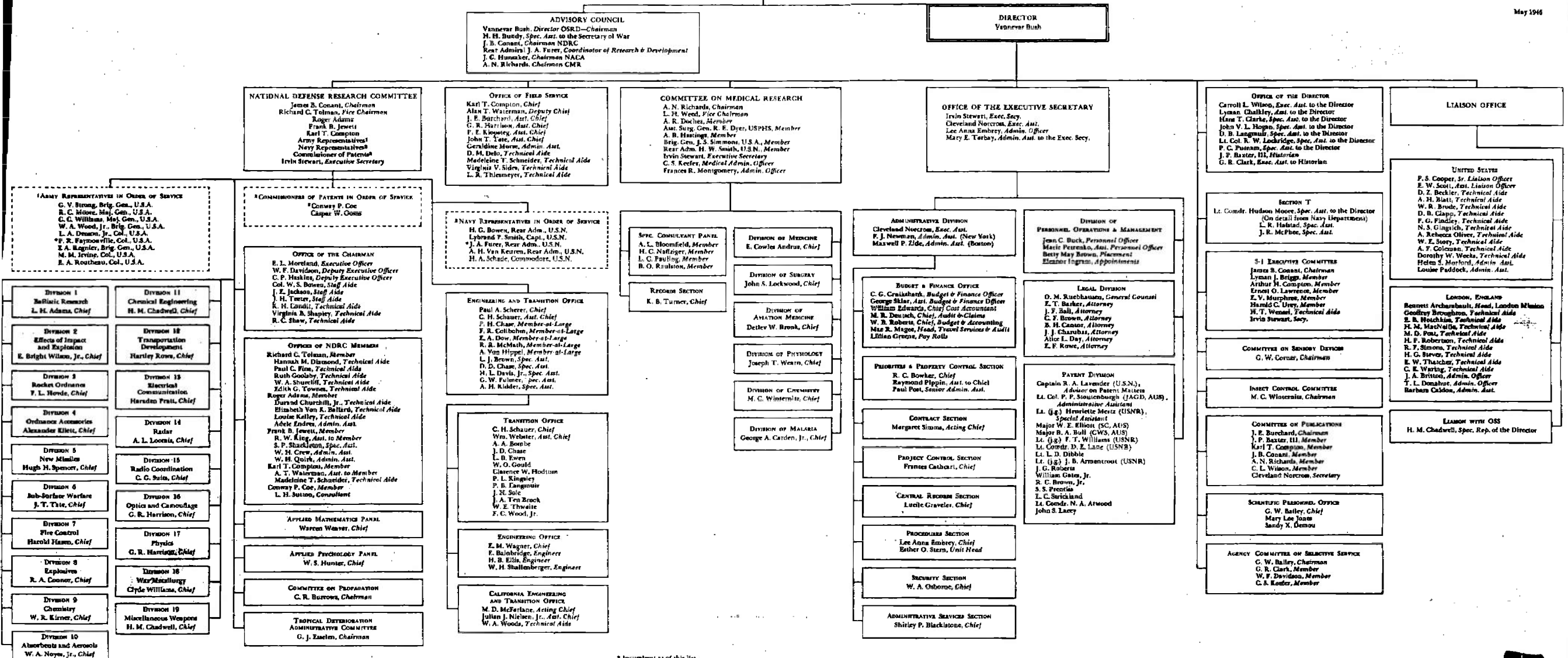
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BLATT, A. H.
LO *Tech Aide* (Washington & London)
NDRC *Tech Aide* Div 8; Sec 8.2 Div 8

BLEAKNEY, WALKER
NDRC *Vice Chmn* Sec B Div A. *Chief* Sec 2.2 Div 2. *Dpty*
Chief Div 2. *Conslt* Secs B, S Div A. *Mbr* Secs B, S
Div A; Div 8; Div 1; Engineering Panel

BLISS, ROBERT H.
NDRC *Conslt* Sec B7b Div B; Sec 11.1 Div 11

BLODGETT, EDWARD D.
NDRC *Conslt* Sec C1 Div C; Sec 13.1 Div 13; Div 13

BLOMQUIST, ALFRED T.
NDRC *Conslt* Sec B2a Div B. *Mbr* Sec 8.2 Div 8

BLOOM, WILLIAM B.
NDRC *Conslt* Sec B4a Div B; Div 9

BLOOMFIELD, ARTHUR L.
CMR *Mbr Spec Conslt* Panel

BLOOMFIELD, RICHARD A.
OFS *Contr Employee*

BLYE, PAUL W.
NDRC *Conslt* Sec C1 Div C

BOE, KATHERINE K.
NDRC *Admin Asst* Ofc NDRC *Mbr* R. C. Tolman

BOERMEESTER, JOHN M.
OFS *Contr Employee*

BOHNENBLUST, HENRI F.
NDRC *Conslt* Sec B Div A; Div 2

BOLT, RICHARD H.
NDRC *Tech Aide* Sec 6.1 Div 6

BOLTON, ELMER K.
NDRC *Conslt* Div B; Div 9

BOMBE, ARIBERT A.
Tech Aide Sensory Devices Comm
NDRC *Tech Aide* Engineering & Transition Ofc

BOND, HORATIO
NDRC *Conslt* Sec 11.3 Div 11

BONNER, LYMAN G.
NDRC *Conslt* Div 1

BONNER, WALTER D.
NDRC *Conslt* Div 10

BOOTH, EUGENE T.
Conslt S-1 Exec Comm

BOOTH, RALPH D.
NDRC *Vice Chmn* Div C. *Chmn* Sec X. *Dpty Chief* & *Mbr*
Div 12

BORDEN, BRIG. GEN. WILLIAM A.
OSRD *Mbr* Advisory Council

BORING, EDWIN G.
NDRC *Mbr* Sec C8 Div C; Sec 16.3 Div 16

- BOVEE, CLIFTON W.
NDRC *Conslt* Sec B3b Div B
- BOWEN, EARL K.
OFS *Contr Employee*
- BOWEN, REAR ADM. H. G.
NDRC *Mbr*
- BOWEN, IRA S.
NDRC *Conslt* Sec H Div A. *Mbr* Sec 16.1 Div 16
- BOWEN, NORMAN L.
NDRC *Conslt* Div 1
- BOWEN, WILLIAM S.
Spec Asst to Director
NDRC *Conslt* to Chmn for Divs 1, 3, 4, 5, 7
- BOWER, LT. ALBERT F. (USNR)
OES *Patent Advisor* Patent Div (assigned to Spec Proj)
- BOWIE, ROBERT M.
NDRC *Conslt* Sec E Div A
- BOWKER, ROY C.
OSRD *Actg Contracting Officer* (property)
OES *Exec Asst* to Exec Secy. *Chief* Priorities & Property Control Sec
Mbr & Chmn Contr Settlement Review Bd
- BOWLES, EDWARD L.
NDRC *Mbr* Sec D1 Div D
- BOWMAN, HARRY L.
NDRC *Conslt* Div C; Sec C2 Div C; Sec B Div A; Div 12; Div 2. *Mbr* Sec C2 Div C; Div 2
- BOWMAN, PHILIP I.
NDRC *Conslt* Sec 8.2 Div 8
- BOWMAN, ROBERT A., JR.
NDRC *Admin Asst* Ofc NDRC *Mbr* Roger Adams
- BOWN, RALPH
NDRC *Mbr* Div 14; Sec 14.2 Div 14. *Conslt* Div 15
- BOYCE, JOSEPH C.
Mbr OSRD Directors Subcomm Cooperation with Spec Govt Agencies
NDRC *Spec Asst* to Chmn. *Chief* Div 5; Sec 5.5 Div 5. *Mbr* Div 5; Sec 5.1 Div 5; Div 19; Vacuum Tube Development Comm. *Tech Aide* Secs D2, D3, D4 Div D
- BOYD, THOMAS A.
NDRC *Mbr* Sec B9a Div B
- BOYER, LT. COMDR. JAMES G.
OES *Patent Advisor* Patent Div (assigned to Spec Proj)
- BRADFORD, E. B.
Mbr OSRD Directors Subcomm Cooperation with Spec Govt Agencies
NDRC *Actg Chief* Div 3. *Tech Aide* NDRC; Div A; Div 3; Div Admin Group
- BRAGG, HERBERT E.
NDRC *Dpty Chief, Conslt & Tech Aide* Sec 17.1 Div 17
- BRAILEY, LAURA E.
OES *Asst* to Chief Budget and Acctg Sec Budget & Finance Ofc
- BRASHEAR, ERNEST E., JR.
OFS *Contr Employee*
- BRAUN, CHARLES E.
NDRC *Mbr* Sec A1 Div B
- BRAY, CHARLES W.
NDRC *Spec Asst* to Chmn. *Chief* Applied Psychology Panel. *Conslt* Sec C4 Div C. *Tech Aide* Chmns Ofc
- BRAY, WILLIAM C.
NDRC *Mbr* Sec L3 Div B. *Conslt* Sec B3b Div B
- BREAZEALE, WILLIAM M.
LO *Tech Aide* (Washington & London)
- BREIT, GREGORY
Mbr *Conslt* Panel S-1 Exec Comm
NDRC *Mbr* S-1 Sec; Theoretical Aspects Subsec S-1 Sec
- BRIDGMAN, PERCY W.
NDRC *Conslt* Secs X, B Div A; Sec B Div B; Divs 1, 2
- BRIES, MATT M.
NDRC *Spec Asst* Engineering & Transition Ofc
- BRIGGS, LYMAN J.
Mbr S-1 Exec Comm
NDRC *Chmn* S-1 Sec. *Mbr* Secs E, A Div A; Divs 1, 4; Applied Math Panel. *Conslt* Applied Math Panel
- BRIGHTMAN, WILLIAM T., JR.
NDRC *Conslt* Div 2
- BRILLOUIN, LEON N.
NDRC *Conslt* Applied Math Panel
- BRINKER, WILLIAM E., JR.
NDRC *Conslt* Sec B6 Div B; Div 10
- BRITTON, EDGAR C.
NDRC *Conslt-in-Genl* Div B. *Conslt* Div 9
- BRITTON, JAMES A.
LO *Tech Aide & Admin Officer* (London)
NDRC *Tech Aide* Secs C2, C3 Div C; Div 12
- BROBERG, ORRIN R.
NDRC *Engnr & Conslt* Engineering & Transition Ofc
- BROCKWAY, LAWRENCE O.
NDRC *Conslt* Div 10
- BRODE, ROBERT B.
Conslt Sec T
NDRC *Conslt* Sec T Div A
- BRODE, WALLACE R.
LO *Tech Aide*
NDRC *Conslt* Secs 16.2, 16.5 Div 16
- BRONFENBRENNER, JACQUES J.
NDRC *Conslt* Div 9
- BRONK, DETLEV W.
NDRC *Mbr* Sec C6 Div C; Sec 12.1 Div 12; Sec 16.5 Div 16.
Conslt Applied Psychology Panel
CMR *Chief* Div Aviation Medicine
- BROOKS, CHARLES F.
NDRC *Conslt* Sec D1 Div D; Div 14
- BROOKS, FOSTER L.
OFS *Contr Employee*
- BROTHERS, LEROY A.
NDRC *Conslt* Sec B Div A
- BROUGHTON, GEOFFREY
LO *Conslt. Tech Aide* (London)
- BROWN, ARTHUR A.
OFS *Contr Employee*
- BROWN, ARTHUR W.
OFS *Contr Employee*
- BROWN, BETTY MAY
OES *Placement Officer* Div Persnl Operations & Management
- BROWN, CHARLES F.
OES *Atty & Actg Genl Counsel* Legal Div
Secy Contr Settlement Review Bd

BROWN, GORDON S.
NDRC *Conslt* Divs D, 7

BROWN, LOUIS J.
NDRC *Spec Asst* Engineering & Transition Ofc

BROWN, MARY G.
OFS *Contr Employee*

BROWN, MILES W.
OFS *Contr Employee*

BROWN, ROBERT C., JR.
OES *Patent Advisor* Patent Div (assigned to NDRC Div 17)

BROWN, WELDON G.
NDRC *Mbr* Secs A3, B3b, B9b Div B; *Conslt* Sec L1 Div B;
Divs 9, 10

BROWNSON, HELEN L.
CMR *Tech Aide*

BRUBAKER, MERLIN M.
NDRC *Mbr* Sec B3c Div B; Div 9. *Conslt* Sec B3a Div B

BRUNAUER, STEPHEN
NDRC *Conslt* Secs L11, B6 Div B

BRUNETTI, CLEDO
NDRC *Conslt* Divs A, 4

BUCKLEY, OLIVER E.
NDRC *Chief* Sec 5.3 Div 5. *Mbr* Sec C1 Div C; Div 5

BUELL, CARLETON E.
NDRC *Conslt* Propagation Comm

BUGBEE, PERCY
NDRC *Conslt* Sec 11.3 Div 11

BULL, MAJ. B. A.
OES *Patent Advisor* Patent Div (assigned to NDRC Divs 8,
9, 10, 11, 19)

BULL, HEMPSTEAD S.
NDRC *Tech Aide* Sec 16.4 Div 16

BUNDY, HARVEY H.
OSRD *Mbr* Advisory Council

BUNKER, JOHN W. M.
OFS *Spec Conslt*

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OFS *Conslt, Asst Chief, Dpty Chief*
NDRC *Chmn* Sec B Div A. *Chief* Div 2; Sec 2.1 Div 2
Chmn Publications Comm

BURDEN, WM. D.
OFS *Contr Employee*

BURG, ANTON B.
NDRC *Mbr* Sec L11 Div B

BURINGTON, RICHARD S.
NDRC *Conslt* Applied Math Panel

BURKE, EDWARD F.
OFS *Contr Employee*

BURKS, DANA, JR.
NDRC *Conslt* Div 9

BURLEW, JOHN S.
Spec Asst to OSRD Director. *Tech Aide* Directors Ofc
NDRC *Spec Asst* to Chmn. *Secy* Div 1. *Conslt* Div A; Sec B
Div A; Div 2. *Tech Aide* Div 1; Summary Tech
Rpts Group

BURNS, ROBERT
NDRC *Conslt* Sec H Div A; Div 3

BURNS, ROBERT M.
NDRC *Conslt* Sec 11.2 Div 11

BURROWS, CHARLES R.
NDRC *Conslt* Divs 13, 14. *Chmn* Propagation Comm. *Mbr*
Sec 13.2 Div 13

BURSON, RICHARD D.
OFS *Contr Employee*

BUSH, V.
OSRD *Director*. *Chmn* Advisory Council
NDRC *Chmn*

BUSWELL, ARTHUR M.
NDRC *Mbr* Secs L3, B3b Div B; Div 9

BUTLER, THOMAS C.
CMR *Tech Aide* Div Malaria

BUTT, CHARLES
NDRC *Conslt* Sec D1 Div D

BUTTNER, HAROLD H.
NDRC *Conslt* Sec D1 Div D

BYFIELD, ABBOTT
OFS *Contr Employee*
NDRC *Tech Aide* Secs B7, B8, B10 Div B; Div 11

CADY, GEORGE H.
NDRC *Conslt* Div 9

CAIRNS, ROBERT W.
NDRC *Conslt* Sec B1 Div B; Sec H Div A; Div 3. *Mbr* Div 8

CALCOTT, WILLIAM S.
NDRC *Chmn* Sec B3d Div B. *Conslt* Sec B3a Div B. *Mbr*
Div 9

CALDON, BARBARA E.
LO *Admin Asst* (London)

CALDWELL, SAMUEL H.
NDRC *Chief* Sec 7.2 Div 7. *Mbr* Sec D2 Div D; Div 7. *Tech*
Aide Div 7

CALLAHAN, JOHN L.
NDRC *Conslt* Sec C1 Div C; Div 13. *Mbr* Sec 13.3 Div 13

CALVERY, HERBERT O. (deceased)
Conslt S-1 Exec Comm

CALVIN, MELVIN
NDRC *Conslt* Sec B7b Div B

CAMERON, HUGH J.
NDRC *Conslt* Div 4

CAMPBELL, JEAN W.
NDRC *Tech Aide* Applied Psychology Panel

CAMPBELL, MARCIA D.
NDRC *Admin Asst* Ofc NDRC *Mbr* Roger Adams

CANNON, PAUL R.
NDRC *Conslt* Sec B4a Div B; Div 9

CANNON, WALTER B.
CMR *Conslt* Sec 3 Div Physiology

CANTOR, BERNARD H.
OES *Atty* Legal Div

CARDEN, GEORGE A., JR.
CMR *Chief* Div Malaria

CARLL, MARY L.
LO *Tech Aide*

CARLSON, A. J.
Mbr Sensory Devices Comm

CARLSON, ROY W.
NDRC *Conslt* Sec B Div A; Div 2. *Mbr* Sec B Div A

CARMACK, MARVIN
NDRC *Mbr* Sec 8.2 Div 8

CARMICHAEL, LEONARD
Mbr Scientific Persnl Comm
 NDRC *Mbr Applied Psychology Panel*

CARPENTER, THORNE M.
 NDRC *Conslt Sec L12 Div B. Mbr Secs B7c, B8e Div B*

CARROLL, THOMAS J.
 NDRC *Mbr Propagation Comm*

CARSWELL, THOMAS S.
 NDRC *Conslt Sec B7d Div B*

CARTWRIGHT, C. HAWLEY
 NDRC *Mbr Sec D4 Div D*

CARVER, EMMETT K.
 NDRC *Conslt Sec B3c Div B; Div 9. Mbr Sec B8d Div B; Sec 11.3 Div 11*

CASHMAN, ROBERT J.
 NDRC *Conslt Sec B6 Div B*

CASON, JAMES, JR.
 NDRC *Mbr Sec 8.2 Div 8*

CATHCART, FRANCES
 OES *Chief Project Control Sec*

CAUGHEY, JOHN L., JR.
 CMR *Tech Aide*

CAULTON, CYRUS O.
 NDRC *Conslt Sec C1 Div C. Mbr Sec 13.4 Div 13*

CHADWELL, HARRIS M.
Exec Asst to OSRD Director. Directors Spec Repr to Ofc Strategic Services. Chmn Directors Subcomm Cooperation with Spec Govt Agencies. Dpty Chmn Publications Comm
 NDRC *Dpty Exec Officer. Scientific Officer in Charge Summary Tech Rpts Program. Chief Divs 11, 19. Staff Aide Divs 9, 10, 11. Mbr Explosives Research Lab Comm (Bur Mines Comm). Tech Aide Div B*

CHALKLEY, LYMAN
Asst to OSRD Director. Mbr Agency Selective Service Comm

CHAMBERS, LESLIE A.
 OFS *Contr Employee*

CHAMOT, EMILE M.
 NDRC *Conslt Sec 8.2 Div 8*

CHANEY, NEWCOMB K.
 NDRC *Conslt Sec B5 Div B*

CHARCH, WILLIAM H.
 NDRC *Mbr Sec B3c Div B. Conslt Div 9*

CHARUHAS, JOHN J.
 OES *Atty Legal Div*

CHASE, DELMAR D.
 NDRC *Spec Asst Engineering & Transition Ofc*

CHASE, JULIAN D.
 OFS *Contr Employee*
 NDRC *Engr Engineering & Transition Ofc*

CHASE, PHILIP H.
 NDRC *Mbr-at-Large Engineering Panel; Engineering & Transition Ofc*

CHILDS, HENRY R.
 NDRC *Conslt Div 9*

CHILTON, THOMAS H.
 NDRC *Conslt Secs L11, B6, B7 Div B. Mbr S-1 Sec; Heavy Water Subsec S-1 Sec; Sec 11.1 Div 11*

CHINN, HOWARD A.
 NDRC *Tech Aide & Conslt Div 15*

CHUBB, LEWIS W.
Conslt to Director. Mbr S-1 Planning Bd

CHURCHILL, DURAND, JR.
 NDRC *Spec Asst Chmn Ofc. Tech Aide Ofc NDRC Mbr Roger Adams; Sec B7b Div B*

CLAESSENS, FRANK A.
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CLAPP, DANIEL B.
 LO *Tech Aide (Washington & London)*

CLARK, ALVA B.
 NDRC *Chief Sec 13.7 Div 13. Conslt Sec C1 Div C; Divs 13, 15. Mbr Sec C1 Div C*

CLARK, DONALD S.
 NDRC *Conslt Secs X, B, H Div A; Div 2*

CLARK, GEORGE L.
 NDRC *Conslt Sec L11 Div B; Div 10*

CLARK, GEORGE R.
Exec Asst Historians Ofc. Mbr Agency Selective Service Comm
 NDRC *Admin Officer Engineering & Transition Ofc*

CLARK, HALFORD R.
 OFS *Contr Employee*
 NDRC *Tech Aide Div 16*

CLARK, WILLIAM M.
 NDRC *Conslt Divs B, 9. Mbr Secs B4a, B4c Div B*
 CMR *Conslt*

CLARKE, ALLEN S.
 NDRC *Tech Aide Div 4*

CLARKE, HANS T.
Spec Asst to Director
 CMR *Conslt*

CLEAVES, ARTHUR B.
 OFS *Contr Employee*

COE, CONWAY P.
 NDRC *Mbr. Chmn Div E*

COE, ROGER J.
 NDRC *Conslt Transition Ofc Engineering & Transition Ofc*

COEY, STEWART C.
 OFS *Contr Employee*

COFFIN, BRUCE A.
 NDRC *Conslt Sec T Div A*

COFFIN, LLOYD H.
 NDRC *Conslt Sec T Div A*

COCHILL, ROBERT D.
 CMR *Conslt*

COHAN, EDWIN K.
 NDRC *Conslt Sec D1 Div D*

COHEN, BARNETT
 NDRC *Conslt Div 9*

COLBURN, ALLAN P.
 NDRC *Mbr Sec L11 Div B. Conslt Div 10*

COLBY, WALTER F.
 OFS *Contr Employee*

COLE, ADDISON D.
 NDRC *Conslt Div 14*

COLE, ROBERT H.
 NDRC *Mbr Sec 8.1 Div 8. Conslt Div 2*

COLEMAN, ALBERT F.
 LO *Tech Aide*

COLEMAN, GEORGE H.
NDRC *Conslt* Div 9

COLEMAN, JOHN S.
LO *Tech Aide* (London & Boston)
NDRC *Tech Aide* Divs D, 16

COLBOHM, FRANK R.
NDRC *Mbr-at-Large* Engineering Panel; Engineering & Transition Ofc

COLLINS, GEORGE B.
NDRC *Conslt* Sec D1 Div D. *All Mbr* Vacuum Tube Development Comm

COLLINS, SAMUEL C.
NDRC *Tech Aide* Secs B7, B8, B9 Div B; Div 11. *Conslt* Sec 11.1 Div 11

COLPITTS, EDWIN H.
NDRC *Chief* Sec 6.1 Div 6. *Conslt* Div C. *Mbr* Sec C4 Div C; Div 6

COLVIN, BURTON H.
NDRC *Tech Aide* Applied Math Panel

COLVIN, CHARLES H.
OFS *Contr Employee*

COMINGS, EDWARD W.
NDRC *Conslt* Sec L1 Div B; Div 10

COMPTON, ARTHUR H.
Mbr S-1 Exec Comm
NDRC *Mbr* S-1 Sec

COMPTON, KARL T.
OSRD *Director* Pacific Branch
OFS *Chief*
NDRC *Mbr. Chmn* Div D
Mbr Publications Comm

COMPTON, KENNETH G.
NDRC *Conslt* Tropical Deterioration Admin Comm

CONANT, JAMES B.
OSRD *Actg Director. Mbr* Advisory Council
NDRC *Chmn* NDRC; Div B; Explosives Research Lab Comm (Bur Mines Comm). *Chmn* S-1 Exec Comm. *Mbr* Publications Comm

CONDIT, KENNETH H.
NDRC *Tech Aide* Chmns Ofc. *Conslt* to Chmn

CONDON, EDWARD U.
Mbr *Conslt* Panel S-1 Exec Comm
NDRC *Conslt* Div D; Sec Bld Div B. *Mbr* S-1 Sec; Sec H Div A

CONNELL, JOHN
NDRC *Conslt* Engineering & Transition Ofc. *Secy* Vacuum Tube Development Comm

CONNOR, JOHN T.
Spec Asst to OSRD Director
OES *Atty & Genl Counsel* Legal Div

CONNOR, RALPH A.
NDRC *Chief* Div 8; Sec 8.2 Div 8. *Actg Chief* Sec 8.1 Div 8. *Chmn* Sec B2 Div B. *Conslt* Div B. *Tech Aide* Secs B3, B4 Div B

COOK, JACKSON H.
NDRC *Conslt* Sec D1 Div D

COOKE, HARTIE (deceased)
NDRC *Mbr* Sec C3 Div C

COOKSEY, DONALD
NDRC *Conslt* Div D

COOLIDGE, COLE
NDRC *Conslt* Div B; Div 9

COOLIDGE, WILLIAM D.
NDRC *Mbr* Sec C4 Div C; Sec H Div A; Div 6; Sec 6.1 Div 6; Div 4

COON, MAURICE P.
OFS *Contr Employee*

COOPER, FRANKLIN S.
LO *Liaison Officer*

COPE, ARTHUR C.
NDRC *Mbr* Div 9. *Tech Aide* Sec B4 Div B; Divs B, 9

COPELL, DON F.
OFS *Contr Employee*

CORI, C. F.
NDRC *Conslt* Sec A4 Div B; Div 9. *Mbr* Sec B4c Div B

CORK, J. M.
NDRC *Mbr* Sec 17.1 Div 17

CORNER, GEORGE W., SR.
Chmn Sensory Devices Comm

CORSON, DALE R.
NDRC *Conslt* Sec D1 Div D

CORWIN, ALSOPH H.
NDRC *Conslt* Div 9

COSTA, JOSEPH L.
NDRC *Conslt* Div 9

COURANT, RICHARD
NDRC *Mbr & Conslt* Applied Math Panel. *Conslt* Sec 8.1 Div 8

COVINGTON, CECIL L.
OES *Chief* Contract Sec

COVINGTON, OZRO M.
OFS *Contr Employee*

COWLES, HOPE M.
OES *Records* *Conslt* Central Records Sec

COYLE, JOHN
OFS *Contr Employee*

CRABTREE, D. GLEN
Mbr Rodent Control Subcomm Insect Control Comm

CRAIG, LYMAN C.
NDRC *Conslt* Div 9

CRANE, ARTHUR E.
OFS *Contr Employee*

CRANE, HORACE R.
Conslt Sec T
NDRC *Conslt* Div A

CRAWFORD, BRYCE L., JR.
NDRC *Conslt* Div 3

CREW, WILLIAM H.
NDRC *Admin Asst* Ofc NDRC *Mbr* Frank B. Jewett. *Tech Aide* Div C

CRONEIS, CAREY
NDRC *Conslt* Div 10

CROOKE, RAYMOND E.
NDRC *Mbr* Sec 7.6 Div 7

CROSS, PAUL C.
NDRC *Conslt* Sec B7d Div B; Div 2

CROSS, R. ERLE
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 OES *Budget & Finance Officer* Budget & Finance Ofc
 Mbr Contr Settlement Review Bd
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 NDRC *Admin Asst* Divs 8, 10; Summary Tech Rpts Group
 CUMMINGS, FREDERICK W.
 NDRC *Tech Aide* Engineering & Transition Ofc
 CUNNINGHAM, ALEXANDER P.
 NDRC *Engr Draftsman* Ofc of NDRC Mbr R. C. Tolman;
 Tech Rpts Sec
 CUNNINGHAM, ROBERT N.
 OSRD *Asst to Historian*
 CURME, GEORGE
 Mbr S-1 Planning Bd
 NDRC *Chmn & Mbr* Sec B8b Div B. *Conslt* Divs B, 9
 CURTIS, CASSIUS W.
 NDRC *Mbr & Conslt* Div 2
 CURTIS, HARVEY L.
 NDRC *Conslt* Sec A Div A; Div 1
 CURTISS, JOHN H.
 NDRC *Conslt* Applied Math Panel
 CUTLER, EDWARD
 NDRC *Tech Aide* Div 14
 CUTTING, ROGER
 NDRC *Tech Aide* Div 5

 DAHL, NORMAN C.
 OFS *Contr Employee*
 DALZIEL, CHARLES F.
 NDRC *Tech Aide* Div 13
 DAMEREL, CHARLOTTE I.
 LO *Tech Aide*
 DANFORTH, JOHN L.
 NDRC *Tech Aide* Sec D1 Div D; Div 14; Div Admin Group
 DANIELS, FARRINGTON
 NDRC *Conslt* Sec B3b Div B; Sec H Div A; Div 3; Div 9.
 Mbr Sec L3 Div B
 DARLINGTON, SIDNEY
 OFS *Contr Employee*
 DAVENPORT, LEE L.
 NDRC *Conslt* Sec D1 Div D
 DAVIDSON, HUGH R.
 OFS *Contr Employee*
 DAVIDSON, KENNETH S. M.
 NDRC *Mbr* Sec C7 Div C; Div 12
 DAVIDSON, WARD F.
 Mbr & Chmn Contr Settlement Review Bd. Mbr Agency
 Selective Service Comm
 NDRC *Dpty Exec Officer. Conslt* to Chmn
 DAVIS, CARLTON C.
 OES *Atty* Patent Div
 DAVIS, CLYDE O.
 NDRC *Conslt* Div 8
 DAVIS, G. H. B.
 NDRC *Chmn* Secs L13, B7a, B8c Div B. Mbr Sec 11.2 Div
 11
 DAVIS, HALLOWELL
 NDRC *Mbr* Secs C9 Div C; Sec 17.3 Div 17

 DAVIS, HARVEY N.
 NDRC *Conslt* Sec B9a Div B
 DAVIS, HOWARD, JR.
 NDRC *Spec Asst* Engineering & Transition Ofc
 DAVIS, KATHRYN E.
 OES *Asst Chief* Contr Sec
 DAVIS, TENNEY L.
 NDRC *Chmn* Secs A1, B2 Div B. *Vice Chmn* Explosives
 Res Lab Comm (Bur Mines Comm). Mbr Sec L4
 Div B
 DAWSON, MARY B.
 OES *Admin Asst* Priorities & Property Control Sec
 DAY, ALICE L.
 OES *Atty* Legal Div
 DAY, JAMES R.
 Conslt Sec T
 DEC, JOSEPH
 NDRC *Tech Aide* Div 9
 DECKINGFR, E. LAWRENCE
 OFS *Contr Employee*
 DELLINGER, J. H.
 NDRC *Chief* Sec 13.2 Div 13. *Conslt* Applied Math Panel.
 Mbr Sec C1 Div C; Div 13; Sec 13.1 Div 13; Applied
 Math Panel; Propagation Comm
 DELO, DAVID M.
 OFS *Tech Aide*
 DELSASSO, LEWIS A.
 NDRC *Conslt* Secs B, S Div A
 DEMOU, SANDY X.
 Admin Asst Scientific Persnl Ofc
 DEMPSTER, ARTHUR J.
 Mbr *Conslt* Panel S-1 Exec Comm
 NDRC *Vice Chmn* Sec H Div A. *Conslt* S-1 Sec Div A. Mbr
 Sec H Div A; Div A Sec II
 DEN HARTOG, J. P.
 NDRC *Mbr* Sec C3 Div C
 DENNISON, DAVID M.
 Conslt Sec T
 NDRC *Conslt* Div A
 DENSON, COL. LEE A., JR.
 NDRC *Mbr*
 DEUTSCH, MORRIS R.
 OES *Chief* Audit & Claims Sec Budget & Finance Ofc
 DE VRIES, WALTER L.
 OFS *Contr Employee*
 DEWEY, BRADLEY
 Conslt to OSRD Director
 DEWEY, DAVIS R., II
 NDRC *Tech Aide* Sec B7 Div B; Div 11
 DIAMOND, HANNAH M.
 NDRC *Physicist* Div A. *Tech Aide* Div A; Ofc NDRC Mbr
 R. C. Tolman; Tech Rpts Sec
 DIAMOND, HARRY
 NDRC *Conslt* Sec E Div A. Mbr Div 4; Vacuum Tube De-
 velopment Comm
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NDRC *Conslt* Sec L11 Div B

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NDRC *Tech Aide* Div 11

DIKE, S. H.
NDRC *Conslt* Sec T Div A

DILLEY, NEIL E.
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DILLON, T. H.
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DONAHUE, THOMAS L.
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DONOVAN, JAMES B.
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DOOLITTLE, HOWARD D.
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DOWNES, ARTHUR C.
NDRC *Conslt* Sec 16.5 Div 16

DRAKE, NATHAN L.
NDRC *Conslt* Div 9

DRAPER, C. S.
NDRC *Conslt* Div D. *Mbr* Sec 7.6 Div 7

DREW, THOMAS B.
NDRC *Mbr* Sec L11 Div B. *Conslt* Sec B6 Div B; Div 10

DRINKER, CECIL K.
NDRC *Chmn* Sec B8e Div B. *Mbr* Secs L12, B7c Div B; Sec 11.2 Div 11. *Conslt* Sec 11.2 Div 11

DRYDEN, HUGH L.
NDRC *Chief* Sec 5.1 Div 5. *Vice Chmn* Sec E Div A. *Mbr* Divs 4 & 5; Sec 5.4 Div 5. *Conslt* Div A

DU BOIS, EUGENE F.
NDRC *Chmn* Secs L12, B7c Div B. *Mbr* Sec B8e Div B
CMR *Conslt*

DUBRIDGE, LEE A.
NDRC *Mbr* Secs D1, D-M Div D; Divs F, 14, 15; Sec 11.1 Div 14. *Conslt* Sec D1 Div D

DUFFENDACK, O. S.
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DURAND, W. F.
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DUSHMAN, SAUL.
NDRC *Conslt* Sec E Div A; Div 4. *Mbr* Sec 16.4 Div 16

DUTCHER, F. H.
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Conslt Sec A4 Div B; Div 9. *Mbr* Secs B4a, B4c Div B

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NDRC *Conslt* Theoretical Aspects Subsec S-1 Sec

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EKSERGIAN, RUPEN
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ELDER, J. D.
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ELDERFIELD, R. C.
NDRC *Chmn* Sec Ble Div B. *Mbr* Secs A1, B1a, B1d, B2a Div B; Sec 8.2 Div 8

ELGIN, JOSEPH C.
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ELLETT, ALEXANDER
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ELLEY, HAROLD W.
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ELVERACK, LILLIAN
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ENDRES, ADELE
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ENGLER, HOWARD G.
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NDRC *Conslt* to *Chmn. Chmn* Tropical Deterioration Admin Comm

EUSTIS, WARNER
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EVANS, EARL A., JR.
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EVANS, GRIFFITH C.
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EVERITT, W. L.
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NDRC *Mbr* Secs L13, B7a, B8c Div B. *Conslt* Sec 11.1 Div 11

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FERNBERGER, SAMUEL W.
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FERNELIUS, W. CONRAD
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NDRC *Conslt* Div B; Div 8

FIESER, L. F.
NDRC *Mbr* Secs A1, A2, B3a, B7d, B1d Div B; Sec 11.3 Div 11; Div 9. *Conslt* Divs 9, 19

FIFE, WALTER M. W.
NDRC *Conslt* Div A

FINDLEY, FRANCES G.
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FINE, PAUL C.
NDRC Tech Aide Ofc NDRC Mbr R. C. Tolman; Div A

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NDRC Mbr Sec B3d Div B. *Conslt* Div 9

FINK, DONALD G.
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FIRESTONE, FLOYD A.
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FISHBEIN, MORRIS
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FITZWILLIAM, JAMES W.
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NDRC *Conslt* Sec B3a Div B. Mbr Div 9

FOLSE, JULIUS A.
NDRC Tech Aide Sec H Div 3

FONDILLER, WILLIAM
NDRC *Conslt* Div A; Sec E Div A

FOOTE, PAUL D.
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NDRC Spec *Conslt* to Chmn. Mbr Secs C4, C4a Div C; Div 6; Sec 6.1 Div 6

FORBES, THEODORE W.
NDRC *Conslt* Sec 17.3 Div 17

FORBES, THOMAS R.
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NDRC *Conslt* Sec 11.3 Div 11. Mbr Sec B10 Div B; Sec 11.3 Div 11

FORRESTAL, JAMES
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NDRC Chief & Dpty Chief Sec 16.5 Div 16. Mbr Sec C6 Div C; Sec 16.2 Div 16; Div 16; Sec 12.1 Div 12

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FOWLER, GLENN A.
NDRC *Conslt* Sec D1 Div D

FOWLER, ROBERT D.
Conslt S-1 Exec Comm
NDRC *Conslt* Sec B3a Div B; Div 9. Mbr Sec B3d Div B

FOWLER, WILLIAM A.
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FRAENCKEL, VICTOR H.
NDRC Mbr Engineering Panel. Tech Aide Divs F & 15

FRANK, LAWRENCE K.
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FRANK, ROBERT L.
NDRC *Conslt* Sec B3a Div B

FRARY, F. C.
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NDRC *Conslt* Div B

FRASER, LORENCE W.
NDRC *Conslt* Sec T Div A

FRENCH, HARRY F.
Conslt Sec T

FRETTER, WILLIAM B.
NDRC *Conslt* Sec D1 Div D

FROST, ELIZABETH B.
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FULCHER, GORDON S.
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FUSON, REYNOLD C.
NDRC *Conslt* Div 9

FYE, PAUL M.
NDRC *Conslt* Div 2

GAINES, JOHN M.
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GASKILL, HAROLD V.
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GASSER, HERBERT S.

NDRC *Chmn* Secs B4, B4a, B4b, B4c Div B. *Mbr* Secs A3, A4, B3b Div B; Div 9

GATES, MARSHALL

NDRC *Tech Aide* Div 9

GATES, WILLIAM, JR.

OES *Patent Advisor* Patent Div (assigned to Secs 5.4, 5.5 NDRC Div 5; Divs 7, 14, 15, 16)

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NDRC *Conslt* Div B; Secs A3, B3b Div B; Div 9. *Mbr* Sec B4a Div B

GELOTTE, ERNEST N.

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GEORGE, ROSCOE H.

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NDRC *Chief* Sec 7.6 Div 7. *Conslt* Sec D1 Div D. *Mbr* Div 7

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GILFILLAN, EDWARD S., JR.

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GILLET, H. W.

NDRC *Mbr* Div 18

GILLILAND, EDWIN R.

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GILMAN, GEORGE W.

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GILMAN, HENRY

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GINGRICH, NEWELL S.

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GINZTON, EDWARD L.

NDRC *Conslt* Div 14

GLARUM, SIVERT N.

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GLENNAN, T. KEITH

NDRC *Conslt* Sec C4 Div C; Div 6

GODDARD, ROBERT H. (deceased)

NDRC *Conslt* Sec H Div A; Div 3

GODFREY, THEODORE B.

NDRC *Conslt* Div 4

GOFF, HOWARD B.

NDRC *Tech Aide* Div 11; Sec 11.1 Div 11

GOLDSMITH, CLARENCE

NDRC *Conslt* Sec 11.3 Div 11

GOLDSMITH, LESTER M.

NDRC *Mbr* Sec C2 Div C; Div 12

GOOD, WALTER A.

NDRC *Conslt* Div A

GOODMAN, CLARK

NDRC *Tech Aide* Divs 16, 17

GOOLSBY, RUTH C.

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GOSLINE, WINIFRED P.

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GREIG, JOSEPH W.
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GROSSE, A. VICTOR
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NDRC *Conslt Secs E, T Div A; Div 4*

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NDRC *Conslt Sec D4 Div D; Div 5*

HANES, F. M.
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NDRC *Mbr Sec B3c Div B. Conslt Div 9*

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NDRC *Conslt Div A; Sec B Div A*

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NDRC *Conslt Div D; Div 14*

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NDRC *Mbr Sec 5.3 Div 5. Conslt Div 5*

HARDY, ARTHUR C.
NDRC *Chief Sec 16.3 Div 16. Chmn Sec C8 Div C. Mbr Sec C6 Div C; Div 16; Sec 12.1 Div 12; Sec 16.5 Div 16. Conslt Div D*

HARE, D. G. C.
NDRC *Conslt Divs C, 6. Mbr Div 15*

HARKINS, WILLIAM D.
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NDRC *Conslt Div B*

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NDRC *Mbr Sec 5.3 Div 5. Conslt Div 5*

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Conslt Sec T
 NDRC *Conslt* Sec T Div A

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NDRC *Conslt* Sec C1 Div C; Sec 13.7 Div 13

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NDRC *Conslt* Div A; Secs E, T Div A

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NDRC *Conslt* Sec B4c Div B

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 Div 16

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NDRC *Spec Asst* to Chief Div 4. *Conslt* Sec E Div A; Div 4

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NDRC *Conslt* Secs A, H Div A; Div 3; Div 1

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NDRC *Mbr* Secs L3, C3, B9b Div B; Div 19. *Conslt* Secs
 B3b, B4c Div B

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NDRC Mbr Sec D4 Div D; Sec 16.4 Div 16. Conslt Sec 16.4 Div 16; Div 10

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NDRC *Chief* Div 8. *Actg Chief* Sec 8.1 Div 8. *Actg Chmn* Secs A1, C2 Div B. *Mbr, Chmn & Vice Chmn* Explosives Research Lab Comm (Bur Mines Comm). *Vice Chmn* Sec A1 Div B. *Chmn* Sec B1 Div B. *Mbr* Secs A1, C2, B9c Div B; Divs 3, 8, 19; Sec H Div A. *Conslt* Secs B2, B2a Div B

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KNOBEL, MAX

NDRC *Conslt* Div 1

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NDRC *Mbr* Sec C5 Div C; Sec 17.3 Div 17; Div 6. *Conslt* Div C

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NDRC *Conslt* Sec A Div A

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NDRC *Mbr* Sec B7d Div B. *Conslt* Div 10

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NDRC *Conslt* Secs X, H Div A. *Mbr* Div 3

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- LAMER, VICTOR
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- LAMPSON, CURTIS W.
NDRC *Conslt* Sec B Div A; Div 2. Mbr Div 2
- LAND, EDWIN H.
NDRC *Conslt* Divs 2, 5
- LANDIS, CARNEY
NDRC *Conslt* Sec C5 Div C; Sec 17.3 Div 17
- LANDIS, EUGENE M.
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- LANE, LT. CMDR. D. E. (USNR)
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NDRC Div 3; Secs 17.1, 17.2 NDRC Div 17)
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- LARGENT, E. J.
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- LARSON, ROBERT W.
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- LASHLEY, KARL S.
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- LAWSON, JAMES L.
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- LAWTON, ELLIOTT J.
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10
- LEMKE, JUNE T.
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LOTHROP, WARREN C.
NDRC *Actg Chief & Mbr* Sec 19.1 Div 19. *Tech Aide* Divs B, 19

LOUGHRIDGE, DONALD H.
NDRC *Conslt* Secs E, T Div A

LOVELL, STANLEY P.
Spec Conslt to OSRD Director
NDRC *Tech Aide* Sec B9 Div B

LOWRY, H. H.
NDRC *Conslt* Sec B6 Div B; Div 10

LUBS, HERBERT A.
NDRC *Conslt* Sec B3a Div B; Div 9

LUCAS, A. F. G.
NDRC *Spec Asst* Chmn's Ofc

LUNTEY, EUGENE H.
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LUTZ, ROBERT E.
NDRC *Conslt* Sec B3a Div B

LYMAN, ERNEST M.
NDRC *Conslt* Sec D1 Div D. *Mbr* Sec 5.5 Div 5

LYNCH, SHERMAN W.
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MACDOUGALL, D. P.
NDRC *Chmn* Sec B1a Div B. *Conslt* Sec A1 Div B. *Mbr* Divs 2, 8

MACINNES, DUNCAN A.
NDRC *Mbr* Secs B8a, L4 Div B

MACLEOD, COLIN M.
CMR *Dpty Chief* Div Medicine. *Chief* Sec 1 Div Medicine

MACNAIR, W. A.
NDRC *Mbr* Sec 7.2 Div 7

MACNEILL, H. M.
LO *Tech Aide* (London)

MACQUIGG, C. E.
NDRC *Chmn* Sec M. *Mbr* Secs L9, B8c Div B; Div 1

MACHLE, WILLARD
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MACK, EDWARD, JR.
NDRC *Mbr* Sec B9a Div B

MACKEY, GEORGE W.
OFS *Contr Employee*

MCADAMS, WILLIAM H.
NDRC *Chmn* Sec L10 Div B. *Conslt* Sec 11.1 Div 11; Div 11. *Mbr* Sec B7b Div B

MCALLISTER, EDWARD D.
NDRC *Conslt* Sec T Div A

MCBEE, EDWARD T.
NDRC *Mbr* Sec B3d Div B. *Conslt* Div 9

MCBRIDE, R. S.
NDRC *Conslt* Sec A Div A; Div 1

MCCABE, W. L.
NDRC *Vice Chmn* Secs L11, B6 Div B. *Conslt & Mbr* Div 10

McCLean, Joseph F.

NDRC *Alt Mbr* Vacuum Tube Development Comm. *Tech Aide* Sec C1 Div C; Divs 13, 15

McClintock, Miller

NDRC *Mbr* Sec C6 Div C

McClure, Frank T.

NDRC *Conslt* Sec H Div A; Div 3

McClure, Harry B.

NDRC *Conslt* Sec 8.2 Div 8

McCormack, James E.

CMR *Tech Aide* Sec 1 Div Medicine

McCurdy, W. H.

NDRC *Mbr* Sec D-M Div D

McCusky, Sidney

NDRC *Tech Aide* Sec 16.1 Div 16

McDermott, Eugene

NDRC *Spec Asst* to Chmn Div A. *Conslt* Sec X Div A

McElroy, Paul K.

NDRC *Mbr* Tropical Deterioration Admin Comm; Subcomm Electrical & Electronic Equip TDAC

McElvain, Samuel M.

NDRC *Conslt* Sec B3a Div B; Div 9

McFarlane, Maynard D.

NDRC *Actg Chief* Engineering & Transition Ofc (Calif)

McGill, Russell

NDRC *Mbr* Sec B1a Div B; Sec 8.2 Div 8

McKenzie, Lawson M.

NDRC *Conslt* Chmn's Ofc. *Tech Aide* Sec 7.3 Div 7

McLean, Franklin C.

NDRC *Conslt* Secs A4, B4a Div B; Div 9

McLean, William B.

NDRC *Conslt* Secs E, H Div A; Divs 3, 4

McMaster, Philip D.

NDRC *Conslt* Div 9

McMath, Robert R.

NDRC *Mbr-at-Large* Engineering Panel; Engineering & Transition Ofc. *Conslt* Sec C2 Div C; Divs D, 12. *Mbr* Sec 16.1 Div 16

McMillan, Edwin M.

NDRC *Conslt* Sec D1 Div D

McPhee, J. R.

Spec Asst Sec T

McReynolds, James P. (deceased)

NDRC *Conslt* Div 9

Magee, Mae R.

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OFS *Contr Employee*

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NDRC *Mbr* Synthetic Resins, Plastics & Plasticizers Subcomm Tropical Deterioration Admin Comm

Major, Randolph T.

NDRC *Conslt* Div 9

Malina, Frank J.

NDRC *Conslt* Secs X, H Div A; Div 3

Marble, John P.

NDRC *Tech Aide* Sec A Div A; Div 1. *Spec Asst* to Chief Div 1

Mares, Joseph R.

OES *Patent Advisor* Patent Div (assigned to NDRC Div D)

Mark, Herman F.

NDRC *Conslt* Sec 16.1 Div 16

Marquis, Donald G.

NDRC *Tech Aide* Applied Psychology Panel

Marshak, Alfred

NDRC *Conslt* Div 9

Marshall, Albert E.

NDRC *Conslt* Sec B7b Div B; Sec 11.1 Div 11

Marshall, Eli K., Jr.

NDRC *Conslt* Secs A4, B4a Div B

Marshall, Laurence K.

NDRC *Conslt* Sec D1 Div D; Sec T Div A; Div 14

Marshall, Lauriston C.

OFS *Contr Employee*

Martel, Raoul R.

NDRC *Conslt* Sec B Div A; Div 2

Martin, Frederick E.

NDRC *Tech Aide* Sec 7.2 Div 7

Martin, Jerome L.

NDRC *Conslt* Div 9

Martin, Miles J.

NDRC *Tech Aide* Div 17

Marvel, C. S.

NDRC *Tech Aide*. Chmn Secs B3, B3a Div B. *Conslt* Div B. *Mbr* Secs A1, A2, B3d Div B; Div 9

Mason, Max

NDRC *Mbr* Secs C4, C4a Div C

Mathews, Joseph H.

NDRC *Conslt* Secs L3, B3b Div B; *Conslt* Div 9

Matson, Theodore M.

NDRC *Mbr* Sec 12.1 Div 12; Sec 16.5 Div 16

Matthews, Glenn E.

NDRC *Mbr* Photographic Equipment & Supplies Subcomm Tropical Deterioration Admin Comm

Maurer, Frank W.

NDRC *Mbr* Sec B8e Div B

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OES *Persnl Officer* Div Persnl Operation & Management

May, Mark A.

OFS *Contr Employee*

Mehl, Robert F.

NDRC *Mbr* Secs L9, B8c Div B; Sec M; Div 18. *Conslt & Mbr* Applied Math Panel

Meloche, V. W.

NDRC *Conslt* Sec 8.2 Div 8

Menninger, Karl A.

OFS *Contr Employee*

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LO *Admin Asst* (London)

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NDRC *Conslt* Sec M

Merten, Donald

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MERTZ, LT. (J.C.) HENRIETTE (USNR(W))
OES *Spec Asst* Patent Div

MERTZ, PIERRE
NDRC *Chief, Spec Asst* to Chief, *Conslt* Sec 5.3 Div 5. *Mbr*
Div 5

MESSING, RICHARD F.
OFS *Contr Employee*

METCALF, GEORGE F.
NDRC *Mbr* Sec C1 Div C; Sec D1 Div D

METZGER, F. J.
NDRC *Conslt* Sec B7b Div B; Sec 11.1 Div 11

MEYER, CHARLES F.
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NDRC *Conslt* Sec T Div A

MIDGLEY, THOMAS, JR.
NDRC *Chmn* Secs C1, B9a Div B. *Conslt* Div 11

MILES, WALTER R.
CMR *Conslt. Spec Conslt* Div Aviation Medicine
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MILLER, WILLIAM T., JR.
NDRC *Mbr* Sec B3d Div B. *Conslt* Div 9

MILLIKAN, CLARK B.
NDRC *Conslt* Sec X Div A

MILLIKAN, ROBERT A.
NDRC *Conslt* Div A

MILLS, HARLOW B.
CMR *Tech Aide* Div Chemistry

MINDLIN, RAYMOND D.
NDRC *Conslt* Div A; Sec T Div A

MINTON, DAVID C., JR.
NDRC *Tech Aide* Div 18

MITCHELL, DANA P.
NDRC *Conslt* Sec T Div A; Sec C4 Div C; Div 6

MITCHELL, DONALD H.
NDRC *Conslt* Sec B9c Div B

MITCHELL, EMILY B.
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NDRC *Conslt* Sec 16.1 Div 16

MOGENSEN, ALLAN H.
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MOHLER, FRED L.
NDRC *Conslt* Divs A, 4; Sec E Div A

MOHLER, NORA M.
NDRC *Tech Aide* Div 14

MONRAD, CARL C.
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MOON, PARRY H.
NDRC *Conslt* Sec C8 Div C; Sec 16.3 Div 16

MOONEY, MELVIN
NDRC *Conslt* Sec 11.2 Div 11

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MOORE, MAJ. GEN. RICHARD C.
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NDRC *Tech Aide* Divs B, 9. *Conslt* Div 9

MOORE, T. V.
NDRC *Mbr* Sec 11.3 Div 11

MOREHOUSE, LYMAN F.
NDRC *Tech Aide* Sec C4 Div C; Sec 6.1 Div 6

MORELAND, E. L.
NDRC *Exec Officer. Conslt* to Chmn

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NDRC *Conslt & Mbr* Sec 16.1 Div 16

MORFORD, HELEN S.
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MORGAN, CLIFFORD T.
NDRC *Tech Aide* Sec 17.3 Div 17

MORGAN, D. P.
NDRC *Conslt* Div B

MORITZ, ALAN R.
NDRC *Conslt* Secs A4, B4c Div B; Div 9

MORLOCK, W. J.
NDRC *Conslt* Sec 13.7 Div 13

MORRIS, JOSEPH C.
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MORSE, P. M.
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Conslt Divs C, D; Applied Math Panel. *Mbr* Secs
C4, C5 Div C; Sec 17.3 Div 17; Sec 6.1 Div 6;
Applied Math Panel

MORTON, GEORGE A.
NDRC *Mbr* Sec 16.4 Div 16

MOSES, MARCARET P.
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MOSHER, LT. ELLSWORTH H. (USNR)
OES *Patent Advisor* Patent Div (assigned to Spec Proj)

MOSS, SANFORD A., JR.
NDRC *Conslt* Div 9

MOTT-SMITH, L. M.
NDRC *Conslt* Sec T Div A

MOULTON, R. S.
NDRC *Conslt* Sec 11.3 Div 11

MUEHLBERGER, C. W.
NDRC *Conslt* Sec B4a Div B

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NDRC *Conslt* Div 9

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NDRC *Mbr* Sec 11.3 Div 11

MURNAGHAN, FRANCIS D.
NDRC *Conslt* Applied Math Panel

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Conslt to OSRD Director. Chmn S-1 Planning Bd. *Mbr* S-1
Exec Comm
NDRC *Conslt-in-Genl* Div B

MURPHY, JOHN J.
NDRC *Conslt* Sec B7b Div B; Sec 11.1 Div 11

MURRAY, ALBERT F.
NDRC *Tech Aide* Chmns Ofc; Sec C1 Div C; Divs 5, 13

MURRAY, ROBERT J.
OES *Appraiser* Priorities & Property Control Sec

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MYERS, N. F.
NDRC *Chief & Mbr* Sec 11.3 Div 11. *Mbr* Div 11

NADAI, A. L.
NDRC *Conslt* Div 2

NAFFZIGER, H. C.
CMR *Mbr Spec Conslt* Panel. *Conslt* Sec 2 Div Surgery

NEAL, STANFORD
NDRC *Conslt* Div 2

NEDDERMEYER, SETH H.
NDRC *Conslt* Div A; Scs T, E Div A

NEHER, H. VICTOR
NDRC *Conslt* Sec D1 Div D

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OFS *Contr Employee*

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NDRC *Tech Aide* Sec 11.3 Div 11

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NEWMARK, NATHAN M.
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NIELSEN, JULIAN, JR.
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NIEMANN, CARL G.
NDRC *Conslt & Mbr* Div 9

NIER, ALFRED O.
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NDRC *Mbr* Sec A2 Div B. *Conslt* Div 9

NORCROSS, AUSTIN S.
NDRC *Tech Aide* Sec D2 Div D; Sec 7.1 Div 7

NORCROSS, CLEVELAND
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OES *Exec Asst* to Exec Secy. *Chief Admin Div*
Secy Publications Comm; Contr Settlement Review
Bd

NORDHEIM, LOTHAR W.
NDRC *Conslt* Sec A Div A; Div 1

NORTHROP, JOHN H.
NDRC *Conslt* Sec A4 Div B; Div 9. *Mbr* Div B4c Div B.
CMR *Conslt*

NORTON, BAYES M.
NDRC *Spec Asst* Chmns Ofc. *Tech Aide* Sec L Div 3; Div
3; Summary Tech Rpts Group

NOTTINGHAM, WAYNE B.
NDRC *Conslt* Sec D1 Div D

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B6 Div B. *Mbr* Sec L3 Div B. *Tech Aide* Div B;
Summary Tech Rpts Group

NYQUIST, HARRY
NDRC *Conslt* Div C; Div 6

OAKWOOD, THOMAS S.
NDRC *Conslt* Scs A1, B2a Div B

OBERT, LEONARD A.
NDRC *Conslt* Div A

O'BRIEN, BRIAN, JR.
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NDRC *Chief* Sec 16.2 Div 16. *Dpty Chief* Sec 16.5 Div 16.
Vice Chmn & Mbr Sec C6 Div C. *Mbr* Divs 16, 17.
Conslt Sec D3 Div D

O'BRIEN, COMDR. GERALD E. (USNR)
OES *Patent Advisor* Patent Div (assigned to Secs H, L
NDRC Div 3)

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OGDEN, ERIC
CMR *Conslt*

OLDFIELD, L. W.
NDRC *Conslt* Sec 11.3 Div 11

OLIVE, WILLIAM M.
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LO *Tech Aide*

OLPIN, A. R.
NDRC *Conslt* Secs A3, B3b Div B

OLSEN, FRED
NDRC *Mbr* Sec A1 Div B. *Conslt* Secs B1, B2a, B2 Div B

OLSHEN, ABRAHAM C.
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NDRC *Conslt* Sec L11 Div B; Div B; Div 10

OLSON, HARRY F.
NDRC *Conslt* Div A; Sec E Div A

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OES *Patent Advisor* Patent Div (assigned to Spec Proj)

OOMS, CASPER W.
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OPIE, E. L.
NDRC *Mbr* Sec B4a Div B. *Conslt* Div 9

OPPENHEIMER, J. ROBERT
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ORMONDROYD, JESSE E.
NDRC *Mbr* Sec L13 Div B

ORMSBEE, RICHARD A.
Tech Aide Insect Control Comm
CMR *Tech Aide* Div Chemistry

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OSBORN, ELBURT F.
NDRC *Conslt* Sec A Div A

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OSBORNE, WILLIAM A.
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OSGARD, BERTHA L.
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O'SHAUGHNESSY, M. THOMAS
NDRC *Conslt* Sec B5 Div B; Div 10. *Tech Aide* Div 10

OTTO, ARTHUR L.
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CMR *Conslt* CMR; Sec 4 Div Medicine

OWEN, B. B.
NDRC *Conslt* Div 3

OWENS, JAMES S.
NDRC *Tech Aide* Sec 16.4 Div 16

PACK, EUGENE G.
OFS *Contr Employee*

PACKER, GEORGE
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PADDOCK, LOUISE W.
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PAGE, CHESTER H.
NDRC *Conslt* Sec E Div A; Div 4

PAGE, ROBERT M.
NDRC *Mbr* Sec 7.6 Div 7

PALMER, W. W.
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PARENT, KATHERINE A.
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PARSONS, CHARLES L.
NDRC *Conslt* Div B; Div 9

PARSONS, JOHN W.
NDRC *Conslt* Div A; Secs X, H Div A; Div 3

PARSONS, W. S.
Spec Asst to OSRD Director

PAULING, LINUS C.
NDRC *Mbr* Secs L1, L3, L4, B5 Div B; Div 8. *Conslt* Sec H Div A; Divs 3, 9
CMR *Mbr* Spec *Conslt* Panel

PAXSON, EDWIN W.
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PEACOCK, J. CRAIG
NDRC *Tech Aide* Div E

PEARCE, HOMER U.
OFS *Contr Employee*

PEARSON, DONALD E.
NDRC *Tech Aide* Secs B, B3b Div B; Div 9

PEART, JOHN R.
OFS *Contr Employee*

PEASE, ROBERT N.
NDRC *Mbr* Sec L11 Div B

PEASLEE, DAVID C.
OFS *Contr Employee*

PEGRAM, GEORGE B.
NDRC *Vice Chmn* S-1 Sec. *Chmn* Power Production Subsec S-1 Sec. *Conslt* Div C. *Mbr* Secs C4, C4a Div C; Sec 6.1 Div 6; Div 6

PELLAM, JOHN R.
OFS *Contr Employee*

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CMR *Conslt* CMR; Sec 4 Div Medicine

PERKINS, JOSEPH R., JR.
NDRC *Tech Aide* Vacuum Tube Development Comm

PETERS, RUTH M.
NDRC *Tech Aide* Sec 7.2 Div 7

PETERSON, ARNOLD P. G.
NDRC *Conslt* Sec D1 Div D

PETERSON, ARTHUR C., JR.
NDRC *Conslt* Sec D1 Div D

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OES *Asst Persnl Officer* Div Persnl Operations & Management

PETTIBONE, GEORGE H.
NDRC *Mbr* Sec 7.3 Div 7

PFUND, A. H.
NDRC *Mbr* Sec C6 Div C; Sec 12.1 Div 12; Sec 16.5 Div 16. *Conslt* Sec 16.4 Div 16

PHELAN, EARL W.
NDRC *Tech Aide* Sec 5.5 Div 5

PHILBRICK, GEORGE A.
NDRC *Mbr* Sec 5.5 Div 5. *Conslt* Divs 5, 7. *Tech Aide* Sec D2 Div D; Sec 7.2 Div 7

PHILLIPS, CLARENCE H.
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NDRC *Mbr* Sec D2 Div D; Sec 7.2 Div 7

- PIEDM, MARGARET S.
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NDRC *Tech Aide* Applied Math Panel
- PIERCE, WILLIS C.
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NDRC *Chief* Sec 10.1 Div 10. *Spec Asst* Chmn's Ofc. *Vice Chmn* Sec B6 Div B. *Mbr* Secs L11, B6 Div B; Div 10. *Tech Aide* Summary Tech Rpts Group
- PICCOTT, CHARLES
NDRC *Conslt* Sec A Div A
- PIKE, E. CATHRYN
NDRC *Tech Aide* Div 4
- PILCHER, COBB
CMR *Dpty Chief* Div Surgery. *Chief* Sec 2 Div Surgery
- PILKINGTON, JOHN H.
NDRC *Conslt* to Chmn
- PINE, LT. (J.G.) GRANNVILLE M. (USNR)
OES *Patent Advisor* Patent Div (assigned to Spec Proj)
- PIPPIN, RAYMOND E.
OES *Asst Chief* Priorities & Property Control Sec
- PITTMAN, JOHN J.
NDRC *Mbr* Optical Instruments Subcomm Tropical Deterioration Admin Comm
- PITZER, K. S.
NDRC *Conslt* Div 10
- POHL, MARIAN E.
Tech Aide Insect Control Comm
CMR *Tech Aide* Div Chemistry
- POILLON, HOWARD A.
NDRC *Mbr* Sec D-M Div D; Sec 14.1 Div 14
- POITRAS, EDWARD J.
NDRC *Tech Aide*. *Chief* Sec 7.3 Div 7. *Mbr* Div 7; Engineering & Transition Ofc
- POLLOCK, HERBERT C.
NDRC *Conslt* Div A; Sec T Div A; Separation Subsec S-1 Sec
- POMERAT, GERARD R.
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- POND, DONALD S.
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- POOLE, JOHN W.
NDRC *Chief* Engineering & Transition Ofc (Calif)
- PORTER, HENRY H.
NDRC *Conslt* Sec T Div A
- POSNJAK, EUGENE
NDRC *Conslt* Sec A Div A
- POST, CHESTER L.
NDRC *Conslt* Sec B Div A; Div 2
- POST, M. DEAN
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- POTTER, GORDON V.
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- POTTER, RALPH K.
NDRC *Chief* Sec 13.3 Div 13. *Mbr* Sec C1 Div C; Divs 13, 15; Secs 13.1, 13.4 Div 13; Engineering Panel. *Conslt* Sec C1 Div C
- POULTER, THOMAS C.
NDRC *Conslt* Sec A Div A; Div 6
- PRAGER, WILLIS
NDRC *Conslt* Applied Math Panel
- PRAATT, HARADEN
NDRC *Chief* Div 13; Sec 13.5 Div 13. *Mbr* Sec C1 Div C; Div 13
- PRENTISS, SPENCER S.
OES *Patent Advisor* Patent Div (assigned to Sec 11.1 NDRC Div 11)
NDRC *Tech Aide* Secs B5, B7, B8 Div B; Secs 11.1, 11.2 Div 11; Div 11
- PRICE, C. C.
NDRC *Conslt* Sec B3a Div B; Div 9. *Mbr* Sec B3a Div B
- PRIEST, CONAN A.
NDRC *Chief* Sec 13.4 Div 13. *Mbr* Sec C1 Div C; Div 13
- PROCTOR, J. VIRGIL
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NDRC *Mbr* Sec C2 Div C
- PRUITT, RUTH R.
OES *Admin Asst* Legal Div
- PUGH, E. M.
NDRC *Conslt* Div 2
- PUGLIESE, BETTY J.
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- QUIRK, WILLIAM H.
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- RABI, I. I.
NDRC *Chmn* Vacuum Tube Development Comm. *Conslt* Sec D1 Div D. *Mbr* Sec D1 Div D; Div 14
- RABJOHN, NORMAN
NDRC *Conslt* Sec B3a Div B
- RADFORD, WILLIAM H.
NDRC *Mbr* Sec D4 Div D. *Conslt* Sec 16.4 Div 16; Sec 5.5 Div 5
- RADUE, LT. RICHARD G. (USNR)
OES *Patent Atty* Patent Div
- RAGAZZINI, JOHN R.
NDRC *Tech Aide* Sec D2 Div D; Secs 7.2, 7.4 Div 7
- RAMSEY, NORMAN F.
NDRC *Conslt* Sec D1 Div D
- RAULSTON, B. O.
CMR *Mbr* Spec *Conslt* Panel. *Conslt* Sec 1 Div Medicine
- RAY, ARTHUR B.
NDRC *Conslt* Secs L11, B6 Div B; Div 10; Div 9
- RAYTON, WILBUR B.
NDRC *Mbr* Sec 12.1 Div 12; Sec 16.5 Div 16
- READ, WILLIAM F.
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- REARDON, EUGENE J.
NDRC *Mbr* Sec C2 Div C; Div 12

REDFIELD, A. C.
NDRC *Conslt* Sec 11.2 Div 11

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NDRC *Conslt* Divs B, 9

REMEY, JOHN T.
NDRC *Conslt* Ofc NDRC *Mbr* Frank B. Jewett; Div 19.
Tech Aide Sec C6 Div C; Sec 12.1 Div 12; Sec 16.5 Div 16; Div 16

RENSHAW, BIRDSEY
LO *Conslt & Tech Aide*
NDRC *Tech Aide* Div 9

RICARDS, HAROLD A.
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RICHARDS, ALBERT P.
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NDRC *Conslt* Sec A4 Div B. *Mbr* Sec B4a Div B
Mbr Publications Comm

RICHARDS, DICKINSON W., JR.
CMR *Dpty Chief* Div Physiology

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NDRC *Conslt* Sec B Div A; Div 2

RICHMOND, HAROLD B.
NDRC *Chief & Conslt* Div 5

RIGHTER, GEORGE A.
NDRC *Chief* Sec 19.1 Div 19. *Chmn* Secs C3, B9b Div B.
Mbr Secs L4, B3c Div B. *Conslt* Divs 9, 19

RIGHTMYER, ROBERT D.
OES *Tech Aide* Patent Div

RIDENOUR, L. N., JR.
NDRC *Mbr* Sec X; Div 5. *Alt Mbr* Div 15

RIGG, ERNEST
NDRC *Mbr* Sec C7 Div C; Div 12; Sec 12.1 Div 12

RINEHART, JOHN S.
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NDRC *Mbr* Sec D-M Div D

ROBERTS, H. S., II
NDRC *Conslt* Sec A Div A

ROBERTS, J. G.
OES *Patent Advisor* Patent Div (assigned to Secs 5.3, 17.3 NDRC Divs 5, 17; Applied Math Panel)

ROBERTS, J. K.
NDRC *Mbr* Sec B10 Div B; Sec 11.3 Div 11

ROBERTS, R. B.
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NDRC *Conslt* Div A. *Mbr* Sec 7.6 Div 7

ROBERTS, SHEPARD
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RODERICK, JAMES B.
OES *Patent Advisor* Patent Div (assigned to NDRC Div 15)

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NDRC *Conslt* Sec B Div A; Div 2

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NDRC *Conslt* Div A; Sec T Div A

ROONEY, W. J.
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ROSS, IRVINE E., JR.
NDRC *Conslt* Sec D1 Div D; Div 14

ROSSEL, H. E.
 NDRC Mbr Sec C7 Div C; Div 12
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 NDRC Tech Aide Scs B1, B2, B3, B4, B5, B6 Div B; Div
 8. *Conslt* Sec B1 Div B
 RUEBHAUSEN, OSCAR M.
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 NDRC *Conslt* Div A; Sec B Div A
 RUGELEY, E. W.
 NDRC *Conslt* Div 9
 RUIZ, A. L.
 NDRC Mbr Div 7; Scs 7.2, 7.6 Div 7
 RUSHTON, J. HENRY
 NDRC Chief Sec 11.1 Div 11. Mbr Div 11. Tech Aide Sec
 B7 Div B; Sec 11.1 Div 11
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 NDRC Chief Div 11. Chmn Sec B10 Div B. Mbr Scs B7b,
 B9c Div B; Div 11
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 NDRC Mbr Div 13
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 SAGE, B. H.
 NDRC *Conslt* Sec H Div A; Div 3
 SALANT, EDWARD O.
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 NDRC *Conslt* Sec T Div A
 SALZBERG, P. L.
 NDRC *Conslt* Sec B3c Div B; Div 9
 SAURWEIN, VAL E.
 NDRC Tech Aide Sec 16.5 Div 16
 SAWYER, HAROLD E.
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 NDRC Tech Aide Div 4
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 NDRC *Conslt* Sec A Div A; Div 1. *Spec Asst* Div 1
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 NDRC *Conslt* Sec D1 Div D
 SCHNEIDER, MADELAINE T.
 OFS Tech Aide
 NDRC Tech Aide Ofc NDRC Mbr Karl T. Compton;
 Div D
 SCHOENHERR, K. E.
 NDRC Mbr Sec 12.1 Div 12
 SCHUBERT, RITA G.
 NDRC Tech Aide Div 1
 SCHUMB, WALTER C.
 NDRC Mbr Sec L3 Div B. *Conslt* Sec B3b Div B
 SCHWARZ, EDWARD R.
 NDRC *Conslt* Sec 16.3 Div 16
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 NDRC *Dpty Exec Officer*. *Actg Chief* Div 2
 SCOTT, MILDRED (deceased)
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 Tropical Deterioration Admin Comm
 SEBRELL, W. H.
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 SEEHER, ROBERT R., JR.
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 SEITZ, FREDERICK, JR.
 NDRC Mbr Scs B, S Div A; Div 2. *Conslt* Sec D1 Div D;
 Div 2
 SELBERT, A. TODD
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 SENIOR, JAMES K.
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 NDRC *Conslt* Scs A1, B3a Div B

SHACKLEFORD, BENJAMIN E.
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SHACKLETON, SAMUEL P.
NDRC *Spec Asst* Ofc NDRC Mbr Frank B. Jewett. *Tech Aide* Div C

SHACKLETON, WILLIAM J.
NDRC *Conslt* Div A; Sec E Div A

SHALLENBERGER, WILLIAM
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SHANKLAND, ROBERT S.
NDRC *Conslt* Divs C, 6

SHANNON, CLAUDE E.
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SHAW, CHARLES H.
NDRC *Conslt* Sec T Div A

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SHEA, T. E.
NDRC Mbr Secs C4, C4a Div C; Div 6; Engineering Panel

SHELBY, ROBERT E.
NDRC *Conslt* Sec 5.3 Div 5; Div 5

SHELLARD, GORDON D.
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SHEPPARD, HARRY S.
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SHIELDS, THELMA M.
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SIDES, VIRGINIA V.
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SIMMONS, A. B.
NDRC Mbr Sec 12.1 Div 12; Sec 16.5 Div 16

SIMMONS, JAMES S.
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SIMMONS, S. J. (deceased)
NDRC *Conslt* Sec D1 Div D

SIMMS, MARGARET L.
OES *Chief Contr & Project Control* Sec

SIMONS, J. H.
NDRC Mbr Sec L3 Div B; *Conslt* Sec B3b Div B

SIMONS, RODNEY F.
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SINCLAIR, DAVID
NDRC *Conslt* Div 10

SINCLAIR, DONALD B.
NDRC Mbr Sec 5.5 Div 5. *Conslt* Div 5

SINGLETON, HENRY E.
OFS *Contr Employee*

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NDRC *Spec Asst* to Chief Sec 17.3 Div 17

SKLAR, GEORGE
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SLATER, JOHN C.
NDRC *Conslt* Sec D1 Div D

SLEPIAN, JOSEPH
Mbr *Conslt* Panel S-1 Exec Comm
NDRC *Conslt* S-1 Sec

SLICHTER, LOUIS B.
NDRC *Conslt* Div C. Mbr Secs C4, C4b Div C; Div 6

SLOMA, LEONARD V.
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SMALLEY, GEORGE E.
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SMITH, GEORGE F.
NDRC Mbr Sec L3 Div B. *Conslt* Sec B3b Div B

SMITH, GILBERT B. L.
NDRC Mbr Sec A1 Div B

SMITH, HAROLD L.
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SMITH, REAR ADM. HAROLD W.
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SMITH, HENRY M.
NDRC *Conslt* Sec E Div A

SMITH, HOMER W.
NDRC *Chmn* Sec B4c Div B. *Conslt* Sec B4a Div B. Mbr Secs B4a, B4c Div B; Div 9

SMITH, K. D.
NDRC *Conslt* Sec E Div A

SMITH, LEE I.
NDRC Mbr Sec A1 Div B. *Conslt* Div 9

SMITH, LINCOLN G.
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SMITH, CAPT. LYBRAND P.
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SMITH, NICOL H.
NDRC *Tech Aide* Sec A Div A; Div 1

SMITH, ROGERS P.
NDRC *Admin Asst* Sec 7.6 Div 7

SMYTH, CHARLES P.
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Mbr Conslt Panel S-1 Exec Comm

NDRC *Chmn* Sec S Div A. *Mbr* S-1 Sec; Sec B Div A.
Conslt Power Production & Theoretical Aspects
Subsecs S-1 Sec

SMYTHE, W. R.

NDRC *Conslt* Sec H Div A

SNYDER, HAROLD R.

NDRC *Conslt* Sec B3a Div B; Div 9

SODERBERG, C. R.

NDRC *Mbr* Sec C3 Div C. *Conslt* Div 12

SOKOLNIKOFF, JOHN I. S.

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SOLE, JOHN H.

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SOLLER, JOHN T.

NDRC *Conslt* Sec D1 Div D

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Summary Tech Rpts Group

SPENCER, PERCY L.

NDRC *Conslt* Div A; Sec T Div A

SPILHAUS, A. F.

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STEINBERG, ARTHUR G.

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NDRC *Conslt* Sec C5 Div C. *Mbr* Secs C5, C9 Div C; Sec
17.3 Div 17

STEVENSON, EARL P.

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B7, B7b, B7d Div B. *Mbr* Div 11; Engineering
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STEWART, T. D.

NDRC *Conslt* Sec L11 Div B; Sec B6 Div B

STIBITZ, GEORGE R.

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7.1 Div 7

STIMSON, HAROLD F.

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OES *Asst Patent Advisor* Patent Div

STRATTON, JULIUS A.

NDRC *Conslt* Sec D1 Div D. *Mbr* & *Conslt* Propagation
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STRAUB, LORENZ G.

NDRC *Tech Aide* Sec C Div A; Divs 3, 6

STREET, J. C.
NDRC *Conslt* Sec D1 Div D. *Mbr* Sec 14.2 Div 14

STREIB, JOHN F., JR.
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SUTER, CHESTER M.
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SWANGER, WILLIAM H. (deceased)
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TANBERG, A. P.
NDRC *Conslt-in-Genl* Div B; Div 9

TANIS, HUBERT E., JR.
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TAPLIN, JOHN F.
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NDRC *Vice Chmn* Div C. *Chmn* Secs C4, C4b, C7 Div C; Sec C Div A. *Chief* Divs 3, 6. *Mbr* Divs 3, 4. *Conslt* Sec X Div A

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NDRC *Conslt Sec T Div A*
- TOWNES, EDITH G.
NDRC *Tech Aide Ofc NDRC Mbr R. C. Tolman; Tech Rpts Sec*
- TOWNSEND, JOHN R.
NDRC *Conslt Sec H Div A; Div 3*
- TRABER, RALPH E.
OFS *Contr Employee*
- TRAYER, HAROLD A.
LO *Tech Aide*
- TRICHEL, COL. GERVAIS W.
OSRD *Mbr Advisory Council*
- TRIMBLE, HAROLD C.
OFS *Contr Employee*
- TROLLER, THEODOR H.
OFS *Contr Employee*
- TROYER, HOWARD W.
OFS *Contr Employee*
- TRUMP, JOHN G.
NDRC *Tech Aide NDRC; Divs B, 14*
- TRYTTEN, MERRIAM H.
NDRC *Conslt Vice Chmn Ofc. Tech Aide Sec D2 Div D*
- TULLER, WILLIAM G.
NDRC *Conslt Sec D1 Div D*
- TUNELL, GEORGE
NDRC *Conslt Div A*
- TURKEVICH, JOHN
NDRC *Conslt Sec B6 Div B*
- TURKINGTON, VICTOR H.
NDRC *Mbr Secs L2, B8b Div B*
- TURNER, KENNETH B.
CMR *Liaison Officer (London). Conslt. Chief Records Sec*
- TURNER, LOUIS A.
NDRC *Conslt Div D*
- TUTTLE, FORDYCE E.
NDRC *Mbr Div 16; Engineering Panel. Conslt Divs 16, 17*
- TUVE, M. A.
Chmn *Sec T. Mbr Publications Comm*
NDRC *Chmn Sec T Div A. Mbr S-1 Sec*
- TWOMEY, L. S.
NDRC *Conslt Sec B7b Div B; Sec 11.1 Div 11*
- TYLER, A. RANGER
OFS *Contr Employee*
- TYLER, CARROLL L.
Spec *Asst Sec T*
- TYSON, JAMES K.
OFS *Contr Employee*
- UEHLING, EDWIN A.
OFS *Contr Employee*
- ULRICH, VINTON K.
NDRC *Conslt Sec T Div A*
- UMBECK, JOSEPHINE E.
OES *Admin Asst Priorities & Property Control Sec*
- UNTIEDT, FREDERICK H.
NDRC *Conslt Sec H Div A; Div 3*
- UREY, HAROLD C.
Mbr *S-1 Exec Comm*
NDRC *Chmn Separation & Heavy Water Subsecs S-1 Sec*
- VALLEY, GEORGE E., JR.
NDRC *Mbr Sec 7.2 Div 7*
- VAN ALLEN, J. A.
NDRC *Conslt Sec T Div A*
- VAN DE GRAFF, R. J.
NDRC *Conslt Div D*
- VAN DE KAMP, PETER
OFS *Contr Employee*
- VAN EVERA, BENJAMIN D.
NDRC *Conslt Sec H Div A; Div 3*
- VANKEUREN, REAR ADM. A. H.
OSRD *Mbr Advisory Council*
NDRC *Mbr*
- VAN KLOOSTER, HENDRIK S.
OFS *Contr Employee*
- VAN VLECK, JOHN H.
NDRC *Conslt to Chmn; Sec D1 Div D; Sec 8.1 Div 8; Div 14*
- VAN VOORHIS, STANLEY M.
NDRC *Conslt Sec D1 Div D*
- VEBLEN, OSWALD
NDRC *Conslt & Mbr Applied Math Panel*
- VENABLE, CHARLES S.
NDRC *Conslt Div 9*
- VIDRO, EDWARD F., JR.
OFS *Contr Employee*
- VINAL, FRANCIS E.
NDRC *Tech Aide Sec B8 Div B; Sec 11.2 Div 11*
- VINAL, GEORGE W.
NDRC *Conslt Div 4*
- VINCENT, SYDNEY A.
NDRC *Mbr Div 2*
- VITELES, MORRIS S.
NDRC *Conslt Div C; Div 6. Mbr Applied Psychology Panel*
- VON HIPPEL, ARTHUR
NDRC *Mbr-at-Large Engineering Panel; Engineering & Transition Ofc*
- VON KÁRMÁN, THEODORE
NDRC *Conslt Secs X, B Div A; Sec C2 Div C; Div 2; Div 12*
- VON NEWMAN, JOHN
NDRC *Conslt Sec A1 Div B; Div 2. Mbr Sec B1b Div B; Div 2*
- WAGNER, CHARLES D.
NDRC *Tech Aide Div 10*

- WAGNER, EDMOND M.
NDRC *Chief Engineering Ofc Engineering & Transition Ofc*
- WAKSMAN, S. A.
NDRC *Spec Conslt to Chmn. Conslt Sec 11.2 Div 11; Tropical Deterioration Admin Comm*
- WALCOTT, FREDERICK C.
NDRC *Conslt Div 1*
- WALD, ABRAHAM
NDRC *Conslt Applied Math Panel*
- WALKER, ARTHUR M.
CMR *Tech Aide*
- WALKER, ROBERT JOHN
NDRC *Conslt Div 3*
- WALKER, SUSIE W.
OES *Chief Admin Services Sec*
- WALL, F. T.
NDRC *Conslt Div 10*
- WALLACE, THOMAS H.
Tech Asst Historians Ofc
- WALLING, CHEVES T.
CMR *Tech Aide Div Malaria*
- WALLIS, E. S.
NDRC *Mbr Sec L5 Div B*
- WALLIS, W. ALLEN
OFS *Contr Employee*
- WALTERS, ELIZABETH VON K. BALLARD
Tech Aide Ofc NDRC Mbr Roger Adams
- WALTERS, WINSTON D.
NDRC *Tech Aide Secs B5, B6 Div B; Div 10*
- WANGENSTEEN, OWEN H.
CMR *Conslt*
- WANNIER, GREGORY H.
OFS *Contr Employee*
- WANTUGH, OTTO A.
NDRC *Tech Aide Sec 6.1 Div 6*
- WARD, JULIUS C.
Chmn Rodent Control Subcomm Insect Control Comm
- WARD, MORGAN
NDRC *Conslt Sec H Div A*
- WARDENBURG, FREDERIC A. C.
OFS *Conslt*
- WARING, CHARLES EDWARD
NDRC *Conslt Tropical Deterioration Admin Comm*
- WARING, CHARLES EMMETT
LO *Tech Aide (Washington & London)*
NDRC *Tech Aide Sec 16.2 Div 16*
- WARNER, ROGER S.
NDRC *Tech Aide Secs C2, C3 Div C; Divs 3, 12*
- WARREN, BERTRAM E.
NDRC *Mbr Sec 5.2 Div 5*
CMR *Conslt*
- WARTHMAN, KENNETH L.
NDRC *Conslt Div A; Sec T Div A*
- WATERMAN, ALAN T.
OFS *Dpty Chief & Chief*
NDRC *Vice Chmn Div D. Asst to NDRC Mbr Karl T. Compton. Mbr Div 14*
Mbr Insect Control Comm
- WATERS, LEVIN L.
CMR *Tech Aide CMR; Sec 1 Div Chemistry*
- WATSON, ERNEST C.
NDRC *Conslt Sec X Div A. Mbr Div A; Sec H Div A; Div 3*
- WATSON, FLETCHER G.
NDRC *Tech Aide Sec D1 Div D*
- WATSON, HELEN M.
Tech Aide OSRD Directors Ofc
NDRC *Tech Aide Div 1; Tech Rpts Sec. Conslt Div Admin Group*
- WEARN, JOSEPH T.
Mbr Insect Control Comm
CMR *Chief Div Physiology. Tech Aide & Conslt CMR*
- WEATHERBY, B. B.
NDRC *Conslt Div A; Sec X Div A; Div 2*
- WEAVER, HAROLD F.
NDRC *Tech Aide & Conslt Sec 16.1 Div 16*
- WEAVER, WARREN
NDRC *Chief Sec 7.5 Div 7; Applied Math Panel. Chmn Sec D2 Div D. Mbr Secs H, T Div A; Divs 7, 14*
- WEBSTER, WILLIAM
NDRC *Asst Chief Transition Ofc Engineering & Transition Ofc*
- WEECH, ALEXANDER A.
CMR *Spec Conslt CMR; Sec 1 Div Medicine*
- WEED, LEWIS H.
CMR *Vice Chmn & Mbr*
- WEEKS, DOROTHY W.
LO *Tech Aide*
NDRC *Tech Aide Tech Rpts Sec*
- WEEKS, PAUL T.
NDRC *Conslt Div A; Sec T Div A*
- WEHAUSEN, JOHN V.
OFS *Contr Employee*
- WEIDLEIN, EDWARD R.
NDRC *Conslt Div B. Mbr Sec A Div A; Div 1*
- WEISER, HARRY B.
NDRC *Conslt Sec B9a Div B*
- WEITH, ARCHIE J.
NDRC *Chmn Sec B8b Div B. Mbr Secs L2, B8b Div B; Sec 11.2 Div 11*
- WELLS, H. W.
NDRC *Mbr Sec 13.2 Div 13*
- WENSEL, H. T.
Tech Aide S-1 Exec Comm
NDRC *Tech Aide S-1 Sec*
- WENTE, E. C.
NDRC *Mbr Sec 17.3 Div 17*
- WESTHEIMER, F. H.
NDRC *Conslt Sec B3a Div B. Mbr Sec 8.2 Div 8*
- WETMORE, ALEXANDER
Mbr Council Scientific Persnl
- WEVER, ERNEST G.
NDRC *Conslt Divs C, 6*
Conslt Sensory Devices Comm
- WEYL, C. HERMANN
NDRC *Conslt Applied Math Panel*
- WHEELER, J. A.
NDRC *Conslt Theoretical Aspects Subsec S-1 Sec*

WHIPPLE, ALLEN O.
CMR *Conslt* CMR; Sec I Div Surgery

WHITE, ALBERT E.
NDRC *Chmn* Secs L9, B8c Div B

WHITE, HARVEY E.
NDRC *Mbr* Secs 16.2, 16.5 Div 16

WHITE, MARSH W.
OFS *Contr Employee*

WHITE, MERIT P.
NDRC *Tech Aide* Sec B Div A; Div 2

WHITE, MILTON G.
NDRC *Conslt* Sec D1 Div D. *Mbr* Vacuum Tube Development Comm

WHITE, WILLIAM C. O.
NDRC *Tech Aide* Div 8; Sec 8.1 Div 8

WHITEHEAD, RICHARD H.
NDRC *Mbr* Sec C2 Div C; Div 12

WHITEHORN, JOHN C.
OFS *Contr Employee*

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Tech Aide Insect Control Comm
CMR *Tech Aide* Div Chemistry

WHITMORE, FRANK C.
NDRC *Chmn* Sec B2 Div B. *Conslt* Sec B1 Div B. *Mbr* Secs A1, B2a Div B; Sec 8.2 Div 8; Sec 16.3 Div 16

WHITSON, WILLIAM L.
NDRC *Conslt* Div 4

WHITTAKER, EDWARD R.
OFS *Contr Employee*

WICHUM, VICTOR
NDRC *Engnr* Div 1

WIENER, NORBERT
NDRC *Conslt* Div D

WIGNER, E. P.
NDRC *Conslt* Theoretical Aspects Subsec S-1 Sec

WIGG, EDWIN I.
NDRC *Mbr* Sec L11 Div B. *Conslt* Div 10

WILBUR, G. A.
OES *Persnl Officer* Div Persnl Operations & Management

WILBUR, J. B.
NDRC *Conslt* Div A; Div 2. *Mbr* Sec B Div A

WILCOX, ROSS C.
NDRC *Tech Aide* Secs B8, B9 Div B; Sec 11.2 Div 11

WILDES, KARL L.
NDRC *Tech Aide* Div 7

WILDS, A. L.
NDRC *Conslt* Div 9

WILKS, SAMUEL S.
NDRC *Tech Aide & Mbr* Applied Math Panel. *Conslt* Sec C4 Div C; Div 6

WILLARD, HOBART H.
NDRC *Mbr* Sec A3 Div B. *Conslt* Sec B3b Div B

WILLIAMS, MAJ. GEN. C. C.
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WILLIAMS, CLYDE
NDRC *Chief* Div 18. *Mbr* Engineering Panel

WILLIAMS, D. B.
NDRC *Mbr* Secs L13, B7a, B8c Div B. *Conslt* Secs 11.2 Div 11

WILLIAMS, LT. (J.G.) FRED T. (USNR)
OES *Assoc Patent Advisor* Patent Div (assigned to NDRC Divs 8, 9, 10, 11, 19 & CMR)

WILLIAMS, JOHN D.
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WILLIAMS, JONATHAN W.
NDRC *Tech Aide* Divs B, 9. *Conslt* Div 9

WILLIAMS, RICHARD A.
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WILLIAMS, ROBERT S.
NDRC *Mbr* Secs B8c, L9 Div B; Sec M

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WILLIS, C. H.
NDRC *Mbr* Sec 17.2 Div 17

WILLIS, H. H.
NDRC *Mbr* Sec D1 Div D; Div 14

WILSON, CARROLL L.
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Mbr Publications Comm
NDRC *Mbr* Div D

WILSON, E. BRIGHT
NDRC *Chief* Div 2. *Chmn* Sec B1 Div B. *Conslt* Sec B Div A; Div 2. *Mbr* Sec B1a Div B; Div 8

WILSON, ERNEST E. (deceased)
NDRC *Conslt* Sec C3 Div C

WILSON, RALPH E.
OFS *Contr Employee*

WILSON, ROBERT E.
NDRC *Conslt* Div B; Div 10

WILSON, ROBERT R.
NDRC *Conslt* Sec D1 Div D

WINNE, HARRY A.
Conslt to OSRD Director

WINTERNITZ, MILTON C.
Chmn Insect Control Comm
CMR *Conslt. Chief* Div Chemistry

WISE, EDMOND M.
NDRC *Conslt* Div 6

WOLD, PETER I.
LO *Conslt & Tech Aide*
OFS *Contr Employee*

WOLFE, HUGH C.
LO *Tech Aide Liaison Ofc*
NDRC *Tech Aide* Sec 7.2 Div 7

WOLFE, DAEL
NDRC *Spec Asst* to Chmn. *Mbr & Tech Aide* Applied Psychology Panel. *Tech Aide* Summary Tech Rpts Group

WOLFROM, M. L.
NDRC *Mbr* Sec A1 Div B

WOLLAN, ABNER J.
OFS *Tech Aide*
NDRC *Tech Aide* Sec D3 Div D; Sec 5.2 Div 5

WOLMAN, ABEL

CMR *Conslt*

WOOD, FLAVIUS C., JR.

NDRC *Admin. Officer* Engineering & Transition Ofc

WOOD, ROBERT W.

NDRC *Conslt* Div A; Sec X Div A. *Conslt* Sec B1b Div B

WOOD, ROSS

NDRC *Conslt* Div A; Sec T Div A

WOOD, BRIG. GEN. WALTER A., JR.

NDRC *Mbr. War Dept Liaison Officer* for NDRC

WOODBIDGE, R. G.

NDRC *Conslt* Div B

WOODBURY, C. A.

NDRC *Conslt-in-Genl* Div B. *Conslt* Sec B1c Div B

WOODROW, RAYMOND J.

LO *Tech Aide*

NDRC *Tech Aide* Transition Ofc Engineering & Transition Ofc

WOODRUFF, LOUIS F.

NDRC *Conslt* Sec D1 Div D

WOODS, WILLIAM A.

NDRC *Spec Asst* to Chmn. *Tech Aide* Engineering & Transition Ofc

WOODWARD, CARLTON A., JR.

NDRC *Conslt* Sec D1 Div D

WOODWARD, ROBERT B.

CMR *Conslt*

WOODWARD, W. L.

NDRC *Mbr* Sec C2 Div C; Div 12

WOOLLEY, D. WAYNE

CMR *Conslt* Div Malaria

WORD, KENNETH C.

OES *Fiscal Accountant* Budget & Finance Ofc

WORKMAN, EVERLY J.

Conslt Sec T

NDRC *Conslt* Div A; Sec T Div A

WRIGHT, FREDERICK E.

NDRC *Conslt* Div A. *Mbr* Sec 16.1 Div 16

WULF, JOHN

NDRC *Conslt* Sec A Div A

WYATT, WALTER J.

NDRC *Tech Aide* Div 10

YAKUTIS, ANTHONY J.

OFS *Contr Employee*

YANT, WILLIAM P.

Conslt S-1 Exec Comm

NDRC *Conslt* Secs B6, L11 Div B; Div 10

CMR *Conslt*

YOE, JOHN H.

NDRC *Mbr* Secs A3, B3b Div B. *Conslt* Div 9

YOST, DON M.

NDRC *Chmn* Sec B6 Div B. *Mbr* Sec A3 Div B. *Conslt* Sec B3b Div B

YOST, FRANCIS L.

OFS *Tech Aide*

NDRC *Tech Aide* Divs 16, 17

YOUMANS, JOHN B.

CMR *Conslt*

YOUNG, AMELIA B.

OES *Admin Asst* Priorities & Property Control Sec

YOUNG, THOMAS F.

NDRC *Mbr* Secs B6, L11 Div B. *Conslt* Div 10

ZABEL, R. M.

NDRC *Conslt* Div A; Sec E Div A. *Tech Aide* Sec E Div A; Div 4

ZACHARIAS, JERROLD R.

NDRC *Alt Mbr* Vacuum Tube Development Comm

ZACHARIASEN, F. W. H.

NDRC *Conslt* Div 10

ZAPP, JOHN A.

NDRC *Conslt* Div 9

ZIDE, MAXWELL P.

OES *Admin Asst* Admin Div (Boston)

ZIES, E. G.

NDRC *Conslt* Sec A Div A

ZIMMER, J. C.

NDRC *Mbr* Secs B7a, B7c, L13 Div B

ZIMMERMANN, VERNA M.

NDRC *Tech Aide* Ofc NDRC *Mbr* R. C. Tolman

ZWORYKIN, V. K.

NDRC *Mbr* Sec C6 Div C; Sec 12.1 Div 12; Sec 16.5 Div 16. *Conslt* Sec D3 Div D; Sec 16.2 Div 16